

**INTERGRATED DEVELOPMENT OF KADRI PARK
AREA, KADRI MANGALURU**

A PROJECT OF MANGALURU SMART CITY LTD(MSCL)

DETAILED PROJECT REPORT

(D.P.R)

AEC

PAILANDS ASSOCIATES

MANGALURU

INDEX

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1. SALIENT FEATURES

| | | |
|-----|--|--|
| 1. | Title of the project | Proposed development of Kadri Park Road at Kadri, Mangalore |
| 2. | Details of project location | |
| | i. District | Dakshina Kannada |
| | ii. Taluk | Mangaluru |
| | iii. Corporation | Mangaluru City Corporation |
| | iv. Assembly Constituency | Mangalore South |
| 3. | Implementing agency/SPV | Mangalore Smart City limited |
| 4. | DPR prepared by | Pailands Associates, AEC for the project |
| 5. | Project outlay | Rs. 12,00,00,00.00 |
| 6. | Budget provision | Rs. 12,00,00,00.00 |
| 8. | Administrative sanction | From Mangaluru Smart City Limited (MSCL) |
| 9. | Nature of the project | Development of existing road for road, parking, pedestrian areas, leisure and recreation with necessary tourist amenities |
| 10. | Present status of existing buildings, if any | There is existing road and few non permanent shop structures, one building of Women and Child Welfare Dept. which will be retained, one public toilet which will be upgraded |
| 11. | Need for the project | Refer Introduction page |
| 12. | Details of Proposal | |
| | i. Total length of road | 636 m |
| | ii. Total area of footpath | 11635.8 Sqm |
| | iii. Total area of green spaces | 5000 Sqm |
| | iv. Total areas of building | 759.67 Sqm |
| 13. | Details of investigations/surveys conducted | attached |

| | | |
|-----|--|----------|
| 14. | Total estimated cost with item wise cost break up and details of Schedule of Rates | attached |
| | Whether detailed estimate attached? | yes |
| 15. | Details of revenue streams | attached |

2. INTRODUCTION

2.1 BACKGROUND

Mangaluru is the headquarters of the Dakshina Kannada District on the west coast of the state. It is spread over an area of 185.85 SQ Km and houses a population of about 8 lakh. Mangalore is at a distance of 357 Km from the state capital. The city is a Regional Hub and destination for education and health care. It is one city in Karnataka to have all modes of transport — Air, Road, Rail and Sea. The fastest growing non metro (Indian city of population less than 1 million) in South India is Mangalore. Mangalore is the 2nd largest business centre in Karnataka.

Railway head with connecting the links to Kerala & Tamil Nadu in the south and Goa and Maharashtra in the north. The city is on the national highway NH 66 and NH 169 (previously part of NH 13) and NH 73 radiates from the city. The city is also connected to the state capital and other national major urban centres by air routes from Bajpe airport, which is located in the Mangalore local planning area. International links also established now to gulf region of the Middle East. New Mangalore Port is also the major part of Karnataka and seventh largest port in India.

2.2 PARKS IN MANGALURU

- Pilikula Nisargadhama
- The Tagore Park, at light house
- Urva Maidan, Gandhi park
- Rajaji Park in front of Maidan
- Children park at Nehru Maidan
- Bharath Maidan Park
- Mathis Park, kaprigudde
- Padil Park, Maroli Road
- Kadri Park (2nd largest - after Pilikula)
- Deer park adjacent to Circuit house (Now Musical Fountain Park)

2.3. NEED OF THE PROJECT / PROJECT DEFINITION

- The road between the two parks having a total area of 6.28 acres is proposed for development. This proposal will combine these parks into one large development of 23.68 acres.
- The project is proposed in the largest complex in the city of the Mangaluru.
- Comprising of 3 pieces of land of 13.39 acres, 4.01 acres and 4.83 acres. Of these, two pieces of land have already been developed as parks.
- Kadri Park is probably the most popular park in Mangaluru today. The park is the largest in the city having an area of 13.39 acres and hosts a wide variety of activities on its premises.
- Under the Horticulture Department of Karnataka, this park has botanically important trees and floral diversity that attracts people's attention. An annual flower show, exhibitions, theme based events etc
- The park also is a major attraction for children with a children's park and a toy train. It has a specially abled children's park and a stage for small events. The walkers / joggers track and open exercise equipment are major attractions for daily walkers.
- Kadri Park which is across the proposed road is also large having an area of 4.01 acres. This park was recently developed by MUDA with a mesmerising musical fountain and laser show, two amphitheatres, walking / jogging track and beautiful plants and trees.
- Long walking tracks along the proposed road for development, ample space for parking vehicles and lush green landscape plays a perfect amalgamation to make it the most popular park in Mangaluru.
- Both the parks are located on the outskirts of Mangaluru City along the NH-66 that connects the city to Udupi, Kasargod, Puttur etc. Tourists can reach the city by the NH and further the local transport network efficiently connects the city to this park. Bus stands for local buses are located at each end of the proposed development.
- The number of visitors to both the parks is about 2500-3000 per day on weekdays and about 4600-5000 on weekend days,, based on survey. This makes the total visitors about 1,00,000 per month and rapidly increasing every week.
- The proposal is to provide additional facilities of user amenities, beautification, organised parking and shopping and eateries to the users in this strategic road between the two parks and add value to the already existing popular parks.
- It is seen that there are few private properties on this road and the NH which runs parallel to this road provides a convenient alternative route for users of this road. All these factors have influenced the proposal.

3.1 . PROJECT DEFINITION: PROPOSAL

It is proposed to develop the existing Kadri Park Road situated between Kadri Park and Kadri Park 2 (old deer park) totally measuring 779 M in length and 6.28 acres (25,433 Sqm) in area as a suitable annexure to the existing Kadri Park with all required facilities of leisure and citizens user amenities. This road is located to the south of NH 66, near Kadri / Nanthoor near the Circuit House and Karnataka Polytechnic in Mangaluru.

3.2 PROJECT PARTICULARS

Property particulars: Area of property: 6.28 acres (25,433 Sqm)

Area of surrounding land: 1.20 acres (4870 Sqm)

- North boundary: Kadri Park1, Akashawani Mangaluru, BSNL depot, Govt School.
- East Boundary: National Highway 66
- South Boundary: Kadri Park2 (old deer park), Circuit House lands, lands belonging to Jogi matt, other private properties.
- West Boundary: MCC Road and circle in front of Circuit House
- Type of Land: The land is with existing road having asphalt of about 10M wide and with total width, (measured from side compound wall to compound wall) varying from 16M to 27M.
- There are 3 private roads that join this road at varying points as shown in the drawing.
- There are about 21 existing trees of medium girth on the roadside.

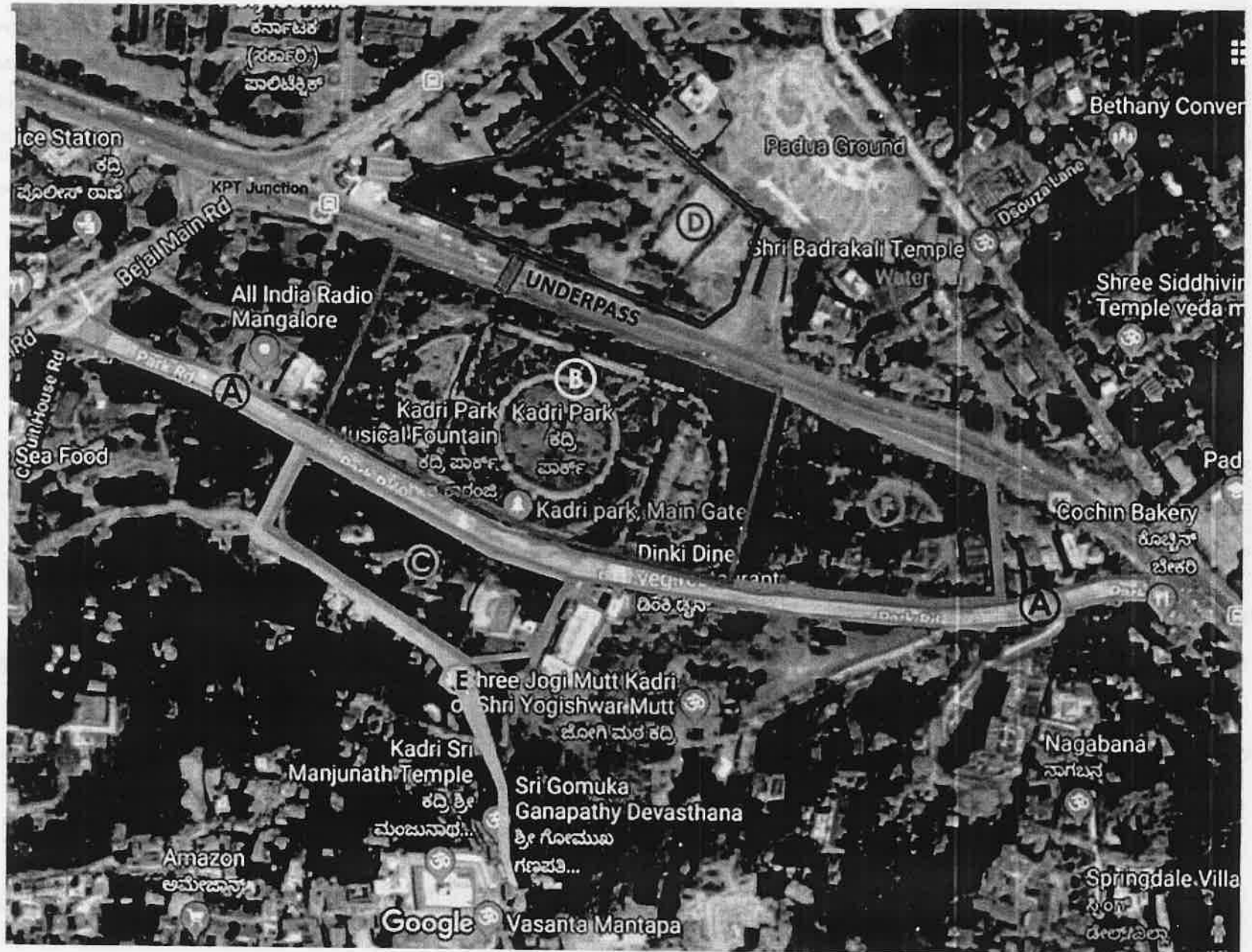
3.2 CONCEPT & SCOPE

“It is proposed to develop the road and add value to the existing Kadri Parks through addition of well-designed spaces and amenities for rich and varied experiences of Eateries & Shopping, Exercise & Play, Recreation, Leisure and Events for the Citizens of Mangaluru and Tourists”.

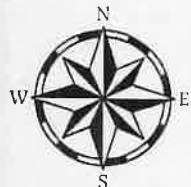
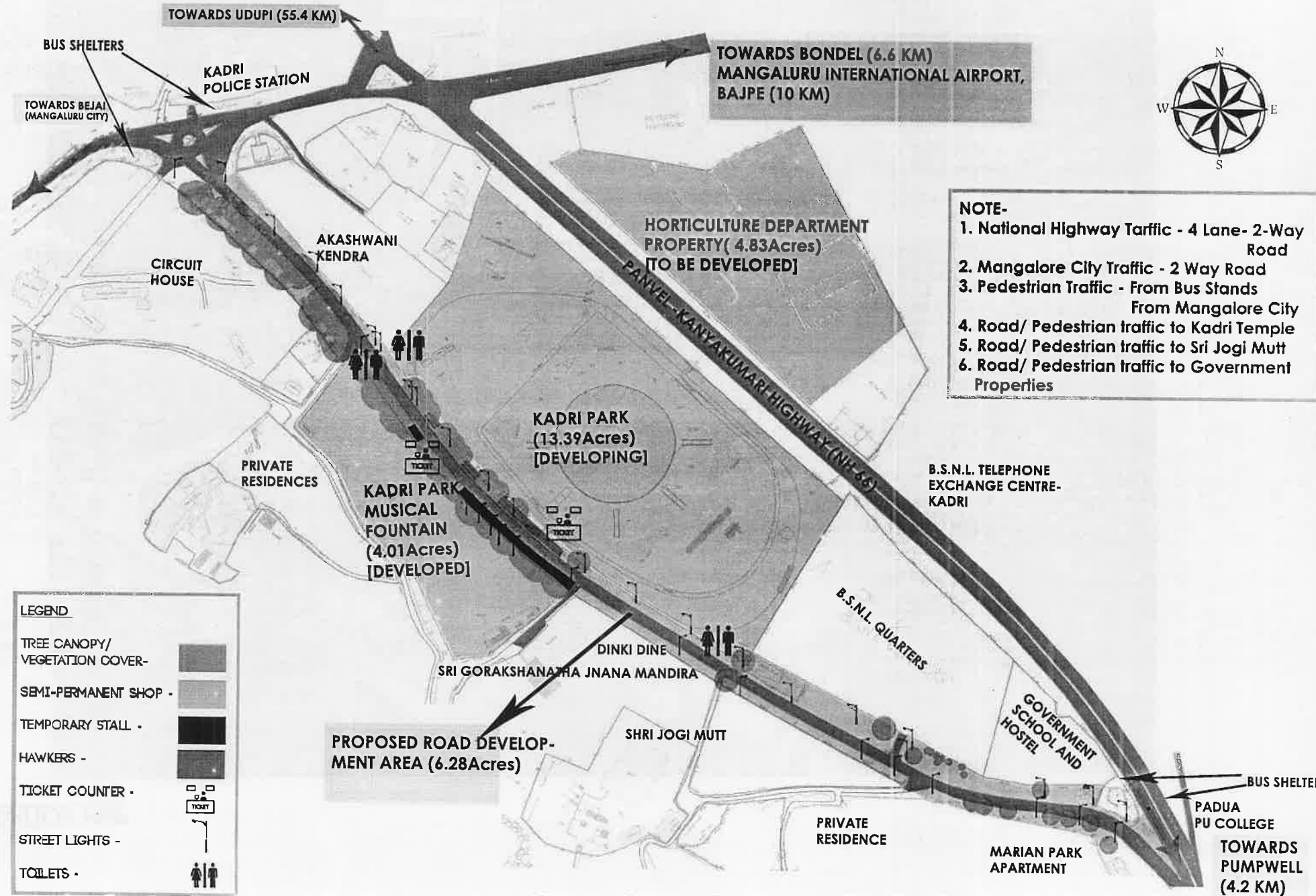
Proposed activities in the proposed development:

- 1) Parking for Kadri Park users
- 2) Exercise & fitness activities such as Walking / Jogging / Yoga.
- 3) Leisure & Recreation
- 4) Shopping
- 5) Food and eateries
- 6) Children play spaces
- 7) Picnics
- 8) Nature play including watching birds, fish, butterflies, flora & fauna.
- 9) Facilities and amenities for users

LOCATION MAP



EXISTING FEATURES AND FACILITIES IN AND AROUND KADRI PARK

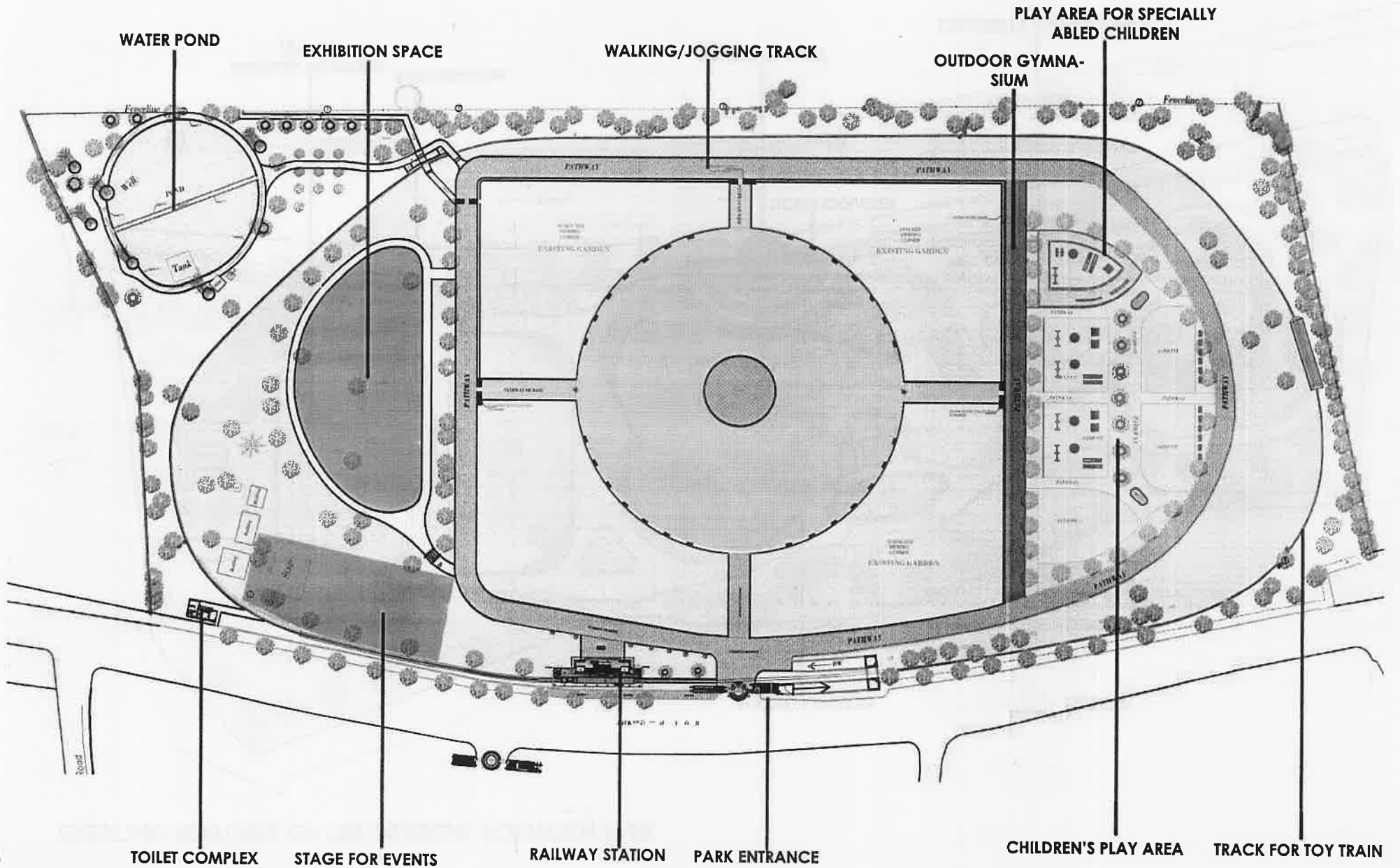


- NOTE-**
1. National Highway Traffic - 4 Lane- 2-Way Road
 2. Mangalore City Traffic - 2 Way Road
 3. Pedestrian Traffic - From Bus Stands From Mangalore City
 4. Road/ Pedestrian traffic to Kadri Temple
 5. Road/ Pedestrian traffic to Sri Jogi Mutt
 6. Road/ Pedestrian traffic to Government Properties

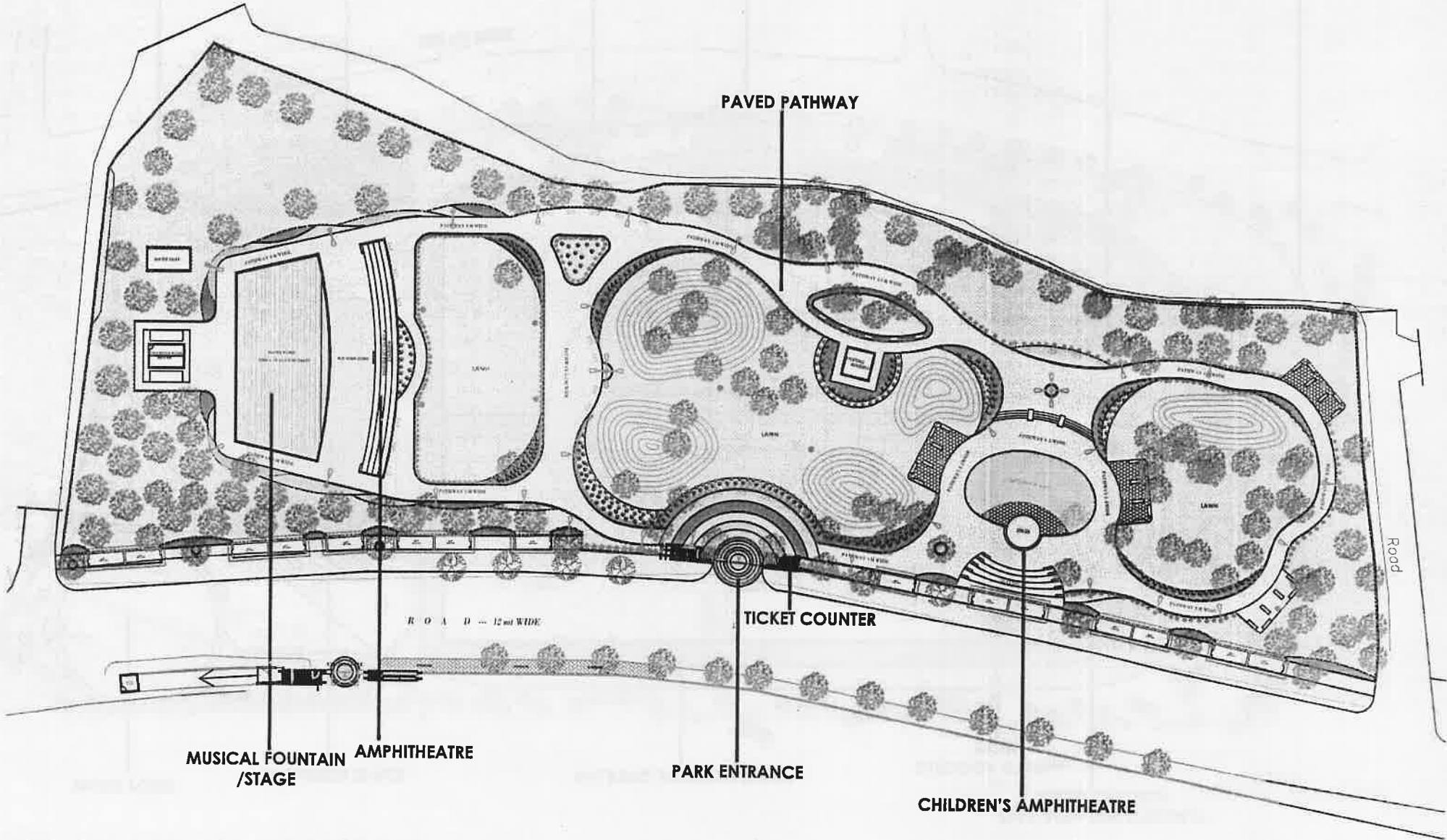
LEGEND

- TREE CANOPY/ VEGETATION COVER - [Symbol]
- SEMI-PERMANENT SHOP - [Symbol]
- TEMPORARY STALL - [Symbol]
- HAWKERS - [Symbol]
- TICKET COUNTER - [Symbol]
- STREET LIGHTS - [Symbol]
- TOILETS - [Symbol]

EXISTING FEATURES OF THE MAIN PARK

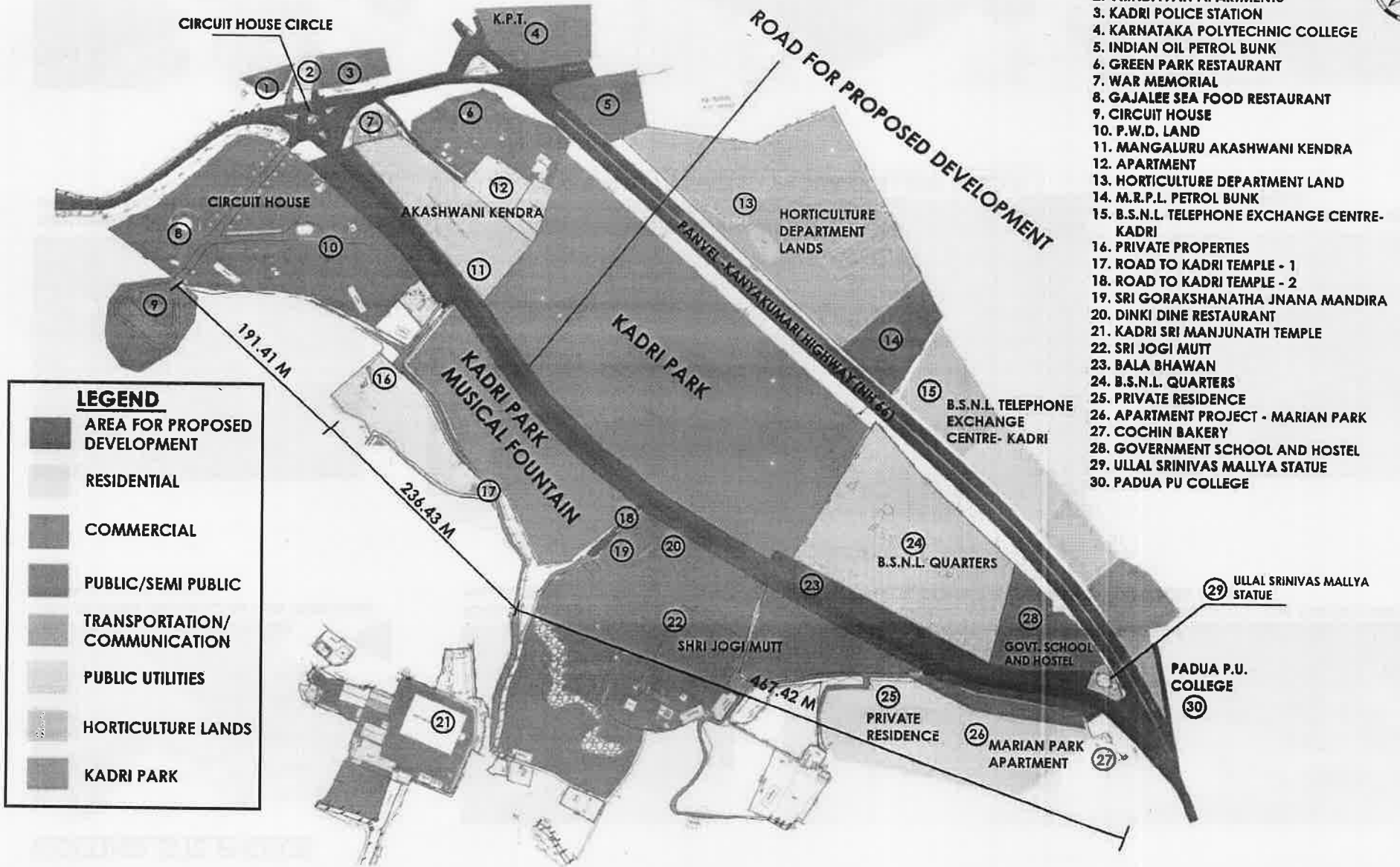
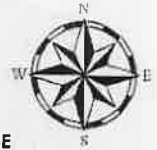


EXISTING FEATURES OF THE MUSICAL FOUNTAIN PARK



EXISTING FEATURES OF THE MUSICAL FOUNTAIN PARK

SURROUNDING STUDY



1. VRINDAVAN VEG FAST FOOD
2. VRINDAVAN APARTMENTS
3. KADRI POLICE STATION
4. KARNATAKA POLYTECHNIC COLLEGE
5. INDIAN OIL PETROL BUNK
6. GREEN PARK RESTAURANT
7. WAR MEMORIAL
8. GAJALEE SEA FOOD RESTAURANT
9. CIRCUIT HOUSE
10. P.W.D. LAND
11. MANGALURU AKASHWANI KENDRA
12. APARTMENT
13. HORTICULTURE DEPARTMENT LAND
14. M.R.P.L. PETROL BUNK
15. B.S.N.L. TELEPHONE EXCHANGE CENTRE- KADRI
16. PRIVATE PROPERTIES
17. ROAD TO KADRI TEMPLE - 1
18. ROAD TO KADRI TEMPLE - 2
19. SRI GORAKSHANATHA JNANA MANDIRA
20. DINKI DINE RESTAURANT
21. KADRI SRI MANJUNATH TEMPLE
22. SRI JOGI MUTT
23. BALA BHAWAN
24. B.S.N.L. QUARTERS
25. PRIVATE RESIDENCE
26. APARTMENT PROJECT - MARIAN PARK
27. COCHIN BAKERY
28. GOVERNMENT SCHOOL AND HOSTEL
29. ULLAL SRINIVAS MALLYA STATUE
30. PADUA PU COLLEGE

EXISTING SITE PHOTOS



VIEW OF KADRI PARK ROAD AS SEEN FROM ULLAL SRINIVAS MALLYA STATUE



FOOD SHOP BEHIND ULLAL SRINIVAS MALLYA STATUE



AUTO RICKSHAW PARKING AND JUNCTION IN FRONT OF ULLAL SRINIVAS MALLYA STATUE

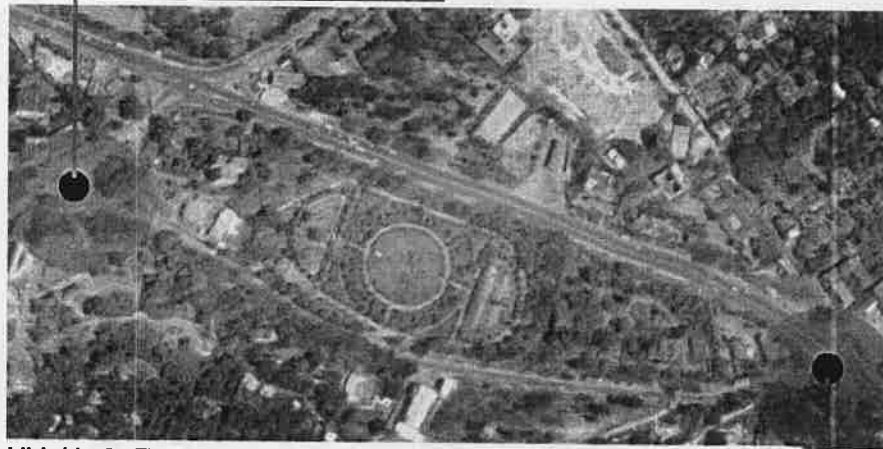


VIEW OF PADUA COLLEGE JUNCTION AND ACTIVITIES AROUND

CIRCUIT HOUSE CIRCLE



VIEW OF EXISTING CARS PARKED NEAR AKASHWANI COMPOUND AT CIRCUIT HOUSE CIRCLE



ULLAL SRINIVAS MALLYA STATUE , PADUA COLLEGE CIRCLE



VIEW OF NATIONAL HIGHWAY 66 AS SEEN FROM SRINIVAS MALLYA STATUE



PANAROMIC VIEW OF CIRCUIT HOUSE CIRCLE



1. VIEW OF EXISTING PARKING AREA ON CIRCUIT HOUSE SIDE



2. VIEW OF EXISTING PARKING AREA, STALLS ON CIRCUIT HOUSE SIDE



3. VIEW OF EXISTING PARKING AREA, STALLS ON CIRCUIT HOUSE SIDE - as seen from Akashwani side



6. VIEW OF AKASHWANI COMPOUND, ROAD AND TREE CANOPY - as seen from Circuit House side towards Kadri Park



WEST PLAZA SIDE - CIRCUIT HOUSE CIRCLE TO KADRI PARK



4A. VIEW OF ENTRANCE GATE OF AKASHWANI KENDRA AND EXISTING TREE CANOPY - as seen from Kadri Park Musical Fountain side



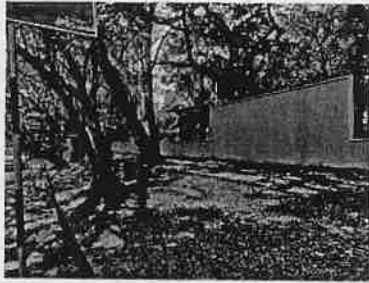
5. VIEW OF EXISTING FOOD STALLS ON THE CIRCUIT HOUSE SIDE NEAR THE OVERHEAD WATER TANK



4B. VIEW OF ENTRANCE GATE OF AKASHWANI KENDRA - as seen from Kadri Park Musical Fountain side



KEY PLAN



1. VIEW OF EXISTING FOOTPATH NEAR KADRI PARK- MUSICAL FOUNTAIN COMPOUND



2. VIEW OF EXISTING FOOTPATH, TREE CANOPY AND ROAD NEAR KADRI PARK- MUSICAL FOUNTAIN COMPOUND



3. VIEW OF EXISTING FOOTPATH, STALLS, TREE CANOPY AND ROAD NEAR KADRI PARK- MUSICAL FOUNTAIN ENTRANCE



4. VIEW OF EXISTING ROAD, PARKING, TREE CANOPY AND SIGN POLES NEAR KADRI PARK



6. VIEW OF EXISTING CHAAT STALL NEAR KADRI PARK MUSICAL FOUNTAIN SIDE



6. VIEW OF EXISTING SUGARCANE JUICE STALL NEAR KADRI PARK MUSICAL FOUNTAIN SIDE



6. VIEW OF EXISTING FOOD STALLS NEAR KADRI PARK MUSICAL FOUNTAIN SIDE



CENTRAL PLAZA - STRETCH BETWEEN KADRI PARK AND KADRI PARK- MUSICAL FOUNTAIN



5. VIEW OF EXISTING ROAD, STALLS AND TREE CANOPY NEAR KADRI PARK - MUSICAL FOUNTAIN



6. VIEW OF EXISTING ROAD, STALLS AND ADVERTISEMENT PANELS NEAR KADRI PARK - MUSICAL FOUNTAIN



6. VIEW OF EXISTING KADRI PARK ENTRANCE, HAWKERS AND PARKING NEAR KADRI PARK



KEY PLAN



1. VIEW OF DINKI DINE RESTAURANT AND SHREE GORAKSHANATHA JNANA MANDIRA - as seen from the Kadri Park compound



2. VIEW OF ADVERTISEMENT HOARDINGS AND ROAD CONDITION- as seen from Dinki Dine Restaurant



3. VIEW OF ADVERTISEMENT HOARDINGS, ELECTRICAL CABLES AND FOOTPATH - as seen from Dinki Dine Restaurant



4. VIEW OF TOILET COMPLEX- as seen from Shri Jogi Mutt compound



9. VIEW OF OVERHEAD ELECTRIC LINES, ADVERTISEMENT HOARDING AND PADUA COLLEGE CIRCLE - as seen from Govt. Hostel side



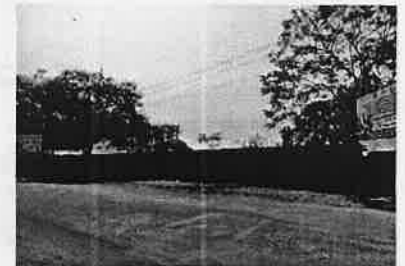
EAST PLAZA - STRETCH BETWEEN KADRI PARK AND ULLAL SRINIVAS MALLYA STATUE



4. VIEW OF BALA BHAVANA- as seen from Shri Jogi Mutt compound



9. VIEW OF PLANTED VEGETATION, OVERHEAD ELECTRIC LINES - Opposite Shri Jogi Mutt Dwara



5. VIEW OF SHRI JOGI MUTT COMPOUND



8. VIEW OF SHRI JOGI MUTT DWARA AND MARIAN PARK PROPERTY



7. VIEW OF LAND NEXT TO BALA BHAVANA COMPOUND



6. VIEW OF FOOTPATH ON BSNL PROPERTY SIDE - Advertisement Hoardings



KEY PLAN

SCHEMATIC SECTIONS OF EXISTING SITE CONDITION



SECTION- AA



SECTION- BB



SECTION- EE



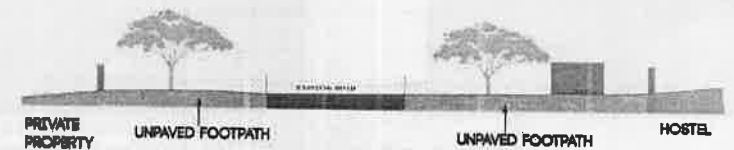
SECTION- CC



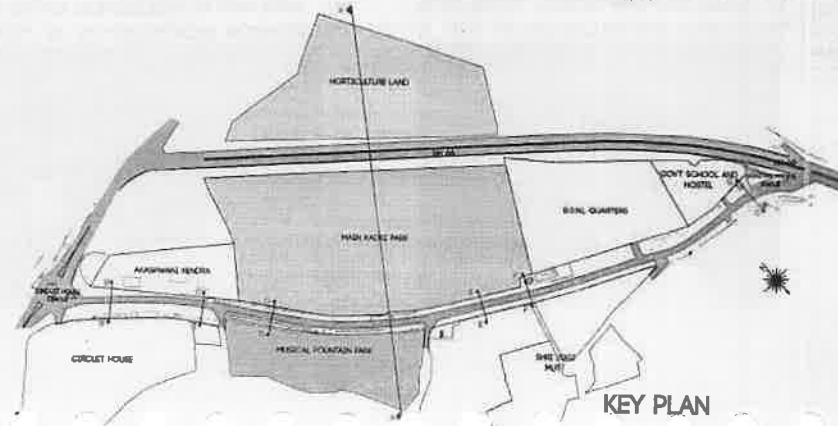
SECTION- FF



SECTION- DD



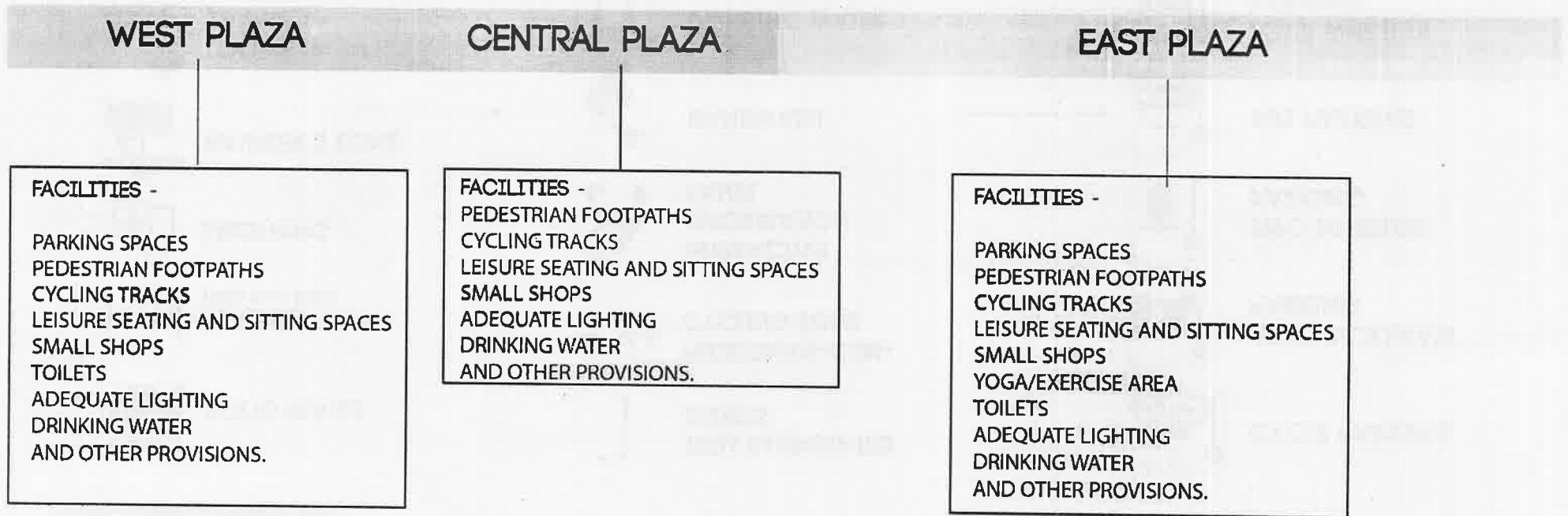
SECTION- GG



KEY PLAN

CONCEPT FOR ROAD BETWEEN TWO PARKS

- LOCATED BETWEEN TWO PARKS.
- JOIN TWO PARKS BY CREATING A CENTRAL PLAZA (WITH PEDESTRIAN ACCESS ONLY) BETWEEN THE PARKS.
- THIS WILL DIVIDE THE ROAD INTO 3 PARTS : WEST PLAZA , EAST PLAZA AND THE PEDESTRIAN CENTRAL PLAZA.



PROPOSED FACILITIES



FOOD STALLS



SEATING
(Near Food Stalls)



SHOPPING



HAWKER'S ZONE



LEISURE SEATING



CHILDREN'S PLAY AREA



YOGA ,EXERCISE



WELL ILLUMINATED STREETS



PEDESTRIAN-CUM-CYCLING ZONE



INTERACTIVE INFORMATION PANEL



HANDWASH



DRINKING WATER



TOILETS



DUSTBINS



NO TRAFFIC ZONE



CYCLE PARKING



AUTO RICKSHAW PARKING



TWO WHEELER PARKING



BUS PARKING



FOUR WHEELER PARKING



INTERACTIVE INFORMATION PANEL



SUSTAINABLE



BARRIER FREE DESIGN

MANGALURU SMART CITY LIMITED, MANGALURU.

TENDER NOTIFICATION FOR THE APPOINTMENT OF ARCHITECTURAL AND ENGINEERING FIRMS FOR THE PROPOSED DEVELOPMENT OF KADRI PARK ROAD, FOOTPATH & PARKING AT KADRI, MANGALURU

ONLY THROUGH e - PROCUREMENT

Notification No : MSCL/AEC-02/2018-19

Date:07-11-2018

MSCL has invited, tenders on e-procurement portal <http://eproc.karnataka.gov.in> from eligible Architectural and Engineering Firms for rendering consultancy services for **THE PROPOSED DEVELOPMENT OF KADRI PARK ROAD, FOOTPATH & PARKING AT KADRI, MANGALURU**. The services of the AE Firms include preparation of layout plan, building plans, designs/drawings, Feasibility report Detailed Project Report, Tender Documents and allied services etc., the details of the place and the eligibility of the firms for participation in the tender are given below: tenders must be accompanied by earnest money deposit which will be paid on line through e-procurement portal <http://eproc.karnataka.gov.in> as specified in the tender document and shall have to be Valid for 45 days beyond the validity of the tender. Any further details can be had from the above office during working hours.

| Sl. No. | Project Name & Place | Approx. project cost (Rs. In Lakhs) | Eligibility to apply | Earnest money deposit | Officer to be contacted for site visit |
|---------|---|-------------------------------------|---|-----------------------|---|
| 1. | Appointment of AE firms for THE PROPOSED DEVELOPMENT OF KADRI PARK ROAD, FOOTPATH & PARKING AT KADRI, MANGALURU | 1200.00 | Architectural and engineering registered educational institutions/architect and engineering services companies, registered with the council of architecture, New Delhi. Should have rendered consultancy services for development of parks or similar nature work in a single entrustment costing not less than Rs. 400.00 lakhs between Financial years 2013-14 to 2017-2018 anywhere in India shall apply along with a copy of the work done certificate | Rs. 5,000/- | Executive Engineer, Mangaluru Smart City Limited |

Name of work: Estimate for the Integraed Development of Kadri Park Area in Mangalore Taluk, Dakshina Kannada District .

GENERAL ABSTRACT

| Sl.No. | Item of work | Amount |
|----------|--|----------------------------|
| A | CIVIL | |
| 1 | Construction of Shops | 58,30,508 -58,99,205.00 |
| 2 | Construction of Rigid pavement | 1,46,57,599 1,46,08,416.00 |
| 3 | Construction of Storm Water Drain | 1,09,33,740 1,09,02,448.00 |
| 4 | Construction of Interlock pavement | 65,51,443 66,74,805.00 |
| 5 | Construction of Culverts | 6,01,175 6,00,689.00 |
| 6 | Construction of Pedestrian pavement | 89,80,280 88,51,444.00 |
| 7 | Construction of Plaza pavement and Planter Box | 1,28,57,721 1,35,19,954.00 |
| 8 | Construction of Pillars/Pergola | 47,50,588 47,18,697.00 |
| 9 | Construction of Fencing work | 29,41,434.00 |
| 10 | Renovation of Existing Compound wall | 11,74,249.00 |
| 11 | Lighting fixture (Rounded off) | 1,10,95,860.00 |
| 12 | Provision for Landscape works & Granite stone works | 95,82,246 95,28,220.00 |
| | | 8,99,56,843 9,05,15,421.00 |
| | 3% Contengencies | 26,98,706 27,15,463.00 |
| | GST @ 12% | 1,07,94,821 1,08,61,851.00 |
| B | PROVISIONS | |
| 13 | Provision for Sculptures and murals | 29,97,590.00 |
| 14 | Provision for Tensile Roof Structure | 31,50,000.00 |
| 15 | General items including Dust bins, Play Area equipments, Sign Boards,Etc | 13,15,197.00 |
| 16 | Provision for Park Benches, Tables and other Precast Items | 52,75,485 66,53,273.00 |
| C | Provision for | |
| 17 | Tender Premium, Miscellaneous & Rounded Off | 38,11,358 34,78,534.00 |
| | GRAND TOTAL | 12,16,87,329.00 |

12,00,00,000/-

EXECUTIVE ENGINEER
MSCL MANGALURU

PR

GENERAL MANAGER TECHNICAL
MSCL MANGALURU

MANAGING DIRECTOR
MSCL MANGALURU

Technical Sanction for the work of INTEGRATED.....
DEVELOPMENT OF KADRI PARK AREA,
MANGALURU for Rs. 12,00,00,000/-
Twelve Crores
Under H/A 2017-05-191-1-13.....
Vide Sl. No. 19/2019-20 Date 29-05-2019
is Accorded.
General Manager - Technical
Mangaluru Smart City Limited
Mangaluru

1. The first part of the report is a general introduction to the project. It describes the objectives and the scope of the work.

2. The second part of the report is a detailed description of the methodology used in the study. This includes a discussion of the data collection methods and the analysis techniques.

3. The third part of the report is a presentation of the results of the study. This includes a discussion of the findings and their implications.

4. The final part of the report is a conclusion and a list of references.

Technical Section for the work of
 for the
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 Vice St. No. 100
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General Manager - Technical
 Mangalore Sewerage Corporation
 Mangalore

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Name of work: Construction of Shops 02 sets (10 Nos)

| SI.N o. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|------------|---|----|----------------|------|------|----------|---------------|-------------------------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3 Page 6 | | | | | | | |
| | Long Walls | 10 | 6.33 | 1.35 | 0.85 | | 72.64 | |
| | Cross Walls | 10 | 3.46 | 1.35 | 0.85 | | 39.70 | |
| | | | | | | | <u>112.34</u> | |
| | | | | | Say | | <u>113.00</u> | Cum |
| a) | <u>In Ordinary Soil 90%</u> | | | | | | | |
| | S.R. Item No. 2.4 Page 5 | | 113.00 | X | 0.90 | | <u>101.70</u> | <u>328.90</u> 33449.13 |
| | | | | | | | Cum | |
| | Basic rate | | 299.00 | | | | | |
| | Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| | Total | | <u>328.90</u> | | | | | /Cum |
| b) | <u>In Hard soil 10%</u> | | | | | | | |
| | S.R. Item No. 2.6 Page 5 | | 113.00 | X | 0.10 | | <u>11.30</u> | <u>492.80</u> 5568.64 |
| | | | | | | | Cum | |
| | Basic rate | | 448.00 | | | | | |
| | Add 10% for Malnad area works | | <u>44.80</u> | | | | | |
| | Total | | <u>492.80</u> | | | | | /Cum |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | Long Walls | 10 | 6.10 | 0.75 | 0.10 | | 4.58 | |
| | Cross Walls | 10 | 3.23 | 0.75 | 0.10 | | <u>2.42</u> | |
| | | | | | | | 7.00 | |
| | | | | | Say | | <u>7.00</u> | <u>6175.40</u> 43227.80 |
| | | | | | | | Cum | |
| | Basic rate | | 5614.00 | | | | | |
| | Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| | Total | | <u>6175.40</u> | | | | | /Cum |
| 3 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. | | | | | | | |
| | KBS 5.1.13 | | | | | | | |
| | S.R. Item No. 5.2 Page 25 | | | | | | | |
| | Long Walls | 10 | 6.10 | 0.60 | 0.45 | | 16.47 | |
| | Cross Walls | 10 | 3.23 | 0.60 | 0.45 | | 8.72 | |
| | Long Walls | 10 | 6.10 | 0.40 | 0.30 | | 7.32 | |
| | Cross Walls | 10 | 3.23 | 0.40 | 0.30 | | 3.88 | |

| | | | | | | |
|--|--|--|-----|--------------|----------------|-----------|
| | | | | 36.39 | | |
| | | | Say | <u>37.00</u> | <u>5883.90</u> | 217704.30 |
| | | | | Cum | | |

| | | | | | | |
|-------------------------------|----------------|------|--|--|--|--|
| Basic rate | 5349.00 | | | | | |
| Add 10% for Malnad area works | <u>534.90</u> | | | | | |
| Total | <u>5883.90</u> | /Cum | | | | |

4 KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.

specification. No. KBS 2.9
S.R. Item No. 2.10 Page 7

| | | | | | | |
|--|---|------|------|------|--------------|---------------|
| | 5 | 6.00 | 3.00 | 0.30 | 27.00 | |
| | 5 | 6.50 | 0.37 | 0.30 | 3.61 | |
| | | | | | 30.61 | |
| | | | | Say | <u>31.00</u> | <u>221.10</u> |
| | | | | | Cum | 6854.10 |

| | | | | | | |
|-------------------------------|---------------|------|--|--|--|--|
| Basic rate | 201.00 | | | | | |
| Add 10% for Malnad area works | <u>20.10</u> | | | | | |
| Total | <u>221.10</u> | /Cum | | | | |

5 KSRB 5-14: Providing and constructing load bearing wall with solid concrete block having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all material, labour charges, scaffolding, curing, hire charges of machinery etc.; complete as per specifications. KBS No.5.4

5.26.1 with solid block 400X200X200

| | | | | | | |
|-----------------|-----|------|--|------|---------------|----------------|
| Front step wall | 5 | 6.56 | | 0.20 | 6.56 | |
| Long Walls | 5 | 6.10 | | 2.40 | 73.20 | |
| Cross Walls | 5 | 3.23 | | 2.63 | 42.39 | |
| Less Ventailtor | -10 | 0.23 | | 0.23 | -0.53 | |
| | | | | | <u>121.62</u> | |
| | | | | Say | <u>122.00</u> | <u>1059.30</u> |
| | | | | | Sqm | 129234.60 |

| | | | | | | |
|-------------------------------|----------------|------|--|--|--|--|
| Basic rate | 963.00 | | | | | |
| Add 10% for Malnad area works | <u>96.30</u> | | | | | |
| Total | <u>1059.30</u> | /Sqm | | | | |

6 KSRB 6-7: Construction of partition wall 11.2cms thick with non modular ground moulded burnt brick of class designation with CM 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvansised iron of nominal thickness 0.35mm 100mm wide as per IS 2212/1991 st 7.5c/c including cost of materials, labours charges, scaffolding, curing complete as per specification

Specification No. KBS 6.2 , Page No 30
KSRB 6-7.2 do with 5.0 N/mm2

| | | | | | | |
|--|----|------|--|------|-------|----------------|
| | 10 | 3.23 | | 2.63 | 84.95 | |
| | | | | Say | 85.00 | <u>1147.30</u> |
| | | | | | | 97520.50 |

| | | | | | | |
|-------------------------------|---------------|--|--|--|--|--|
| Basic rate | 1043.00 | | | | | |
| Add 10% for Malnad area works | <u>104.30</u> | | | | | |

Total 1147.30 /Sqm

- 7 Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060mm width(1000mm cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for the stiffening.The total thickness(TCT) of the sheet will be .47mm +/- 0.02 mm tolerance.Zinc - Alu Alloy coating AZ150 gsm as per the ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25mm length, to be over the existing purlins,rafters,channels and trusses.

SR 38.30,Page 299.

| | | | | | | | |
|-------------------------------|---|---------------|------|-----|---------------|---------------|-----------|
| 8.2 | 5 | 7.46 | 4.61 | | 171.95 | | |
| | | | | Say | <u>172.00</u> | <u>756.80</u> | 130169.60 |
| Basic rate | | 688.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>68.80</u> | | | | | |
| Total | | <u>756.80</u> | | | | | |

- 8 Fabrication supplying and erecting M.S tubular trusses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant.Welding shall confirm to structural welding code.Quality shall be on various parameters like shape,size,design guage and polish.The entire trusses is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material,labour charges and hire charges of machinaries for cutting,welding,grinding and erection equipments,with all lead and lift,transpotation etc., complete as per the specification

S.R. no. 7.29 page no. 43

| | | | | | | | |
|-------------------------------|---|---------------|-------|---------|--|--------|-----------|
| Total area | 1 | 172.00 | 10Kgs | 1720.00 | | 122.10 | 210012.00 |
| | | | | Kgs | | | |
| Basic rate | | 111.00 | | | | | |
| Add 10% for Malnad area works | | <u>11.10</u> | | | | | |
| Total | | <u>122.10</u> | | | | | |

- 9 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.19 Page 120

| | | | | | | | |
|----------------|----|--------|--|------|---------------|---------------|-----------|
| Inside | 5 | 6.10 | | 2.40 | 73.20 | | |
| | 10 | 3.00 | | 2.63 | 78.75 | | |
| Partition wall | 8 | 3.23 | | 2.63 | 67.96 | | |
| Outside | 5 | 6.56 | | 2.65 | 86.92 | | |
| | 10 | 3.23 | | 2.90 | 93.67 | | |
| | | | | | <u>400.50</u> | | |
| | | | | Say | <u>401.00</u> | <u>300.30</u> | 120420.00 |
| Basic rate | | 273.00 | | | Sqm | | |

Add 10% for Malnad area works 27.30
 Total 300.30 /Sqm

10 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13
 For Flooring Bed

| | | | | | | |
|-------------------------------|---------------------|------|------|--------------|----------------|----------|
| 5 | 6.10 | 3.00 | 0.10 | 9.15 | | |
| 5 | 6.56 | 0.37 | 0.10 | 1.21 | | |
| | | | | 10.36 | | |
| | | | Say | <u>10.40</u> | <u>6175.40</u> | 64224.00 |
| Basic rate | 5614.00 | | | Cum | | |
| Add 10% for Malnad area works | <u>561.40</u> | | | | | |
| Total | <u>6175.40 /Cum</u> | | | | | |

11 Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty scraping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade, sand papers, including cost of material, cost of labour and scaffolding etc complete as per completion. Page No 128 & SI No 15.106

| | | | | | | |
|-----------------------------------|-------------------|--|-----|---------------|--------------|----------|
| Internal wall plastering quantity | | | | <u>220.00</u> | | |
| | | | Say | <u>220.00</u> | <u>85.80</u> | 18876.00 |
| Basic rate | 78.00 | | | | | |
| Add 10% for Malnad area works | <u>7.80</u> | | | | | |
| Total | <u>85.80 /Cum</u> | | | | | |

12 Providing and applying two coats with two coats of Putty with Emulsion painting of approved brand and shade on wall surface including priming coat with Emulsion primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

| | | | | | | |
|-----------------------------------|-------------------|--|-----|---------------|--------------|----------|
| Internal wall plastering quantity | | | | <u>220.00</u> | | |
| | | | Say | <u>220.00</u> | <u>99.00</u> | 21780.00 |
| Basic rate | 90.00 | | | Sqm | | |
| Add 10% for Malnad area works | <u>9.00</u> | | | | | |
| Total | <u>99.00 /Sqm</u> | | | | | |

12 Providing and finishing external wall in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give and even shade after thoroughly brooming the surface to remove all the dirt and loose powered material, free from mortar drops and other foreign matter cost of material, labour, complete as per specification

S.R. Item No. 15.104 Page 127
 External wall plastering quantity

| | | | | | | |
|--|--|--|-----|---------------|---------------|-----------------|
| | | | | 181.00 | | |
| | | | Say | <u>181.00</u> | <u>198.00</u> | <u>35838.00</u> |
| | | | | Sqm | | |

Basic rate 180.00
 Add 10% for Malnad area works 18.00
 Total 198.00 /Sqm

13 Providing and supplying Epoxy Mastic priming coat over new steel or other metal surface including preparing the surface After cleaning oil,grease,dirt and other foreign matter and scoured with wire brushes fine steel wool,sand papers including coat of materials,labour complete.

| | | | | | | |
|-----------|----|------|------|--------|-------|----------|
| | 10 | 3.00 | 3.00 | 90.00 | | |
| For Doors | 5 | 3.00 | 2.80 | 42.00 | | |
| Roof | 5 | 7.46 | 4.61 | 171.95 | | |
| | | | | 303.95 | | |
| | | | | 304.00 | 45.10 | 13710.40 |

Basic rate 41.00
 Add 10% for Malnad area works 4.10
 Total 45.10 /Sqm

14 KSRB 7.5: Providing and fixing Pull and push type rolling shutter of approved make of 18guage,75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laps by means of alternate clips, suspension shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft,with bracket plates,guide channels,ball bearing arrangements, for inside and outside locking with pull and push operation complete including pulling hooks 4nos.Handles with all fittings and accesseries, painted with coat of red lead paint(Without top cover) coat of materials , labours,HOM complete as per specifications.Shutter size 3.00mX2.8m

Specification no KBS 7.10/7.12

| | | | | | | |
|-----------|----|------|------|-------|---------|-----------|
| For Doors | 10 | 3.00 | 2.80 | 84.00 | 2867.70 | 240886.80 |
|-----------|----|------|------|-------|---------|-----------|

Basic rate 2607.00
 Add 10% for Malnad area works 260.70
 Total 2867.70 /Sqm

15 KSRB7.6:Providing and fixing top covers made out of 20 guage M.S sheet over pull and push rolling bent to shape including cost of red lead primer coat of painting, material ,labour,HOM complete as per specifications

Specification no KBS 7.10.6/7.12

| | | | | | | |
|-----------|---|------|--|-------|--------|---------|
| For Doors | 5 | 3.00 | | 15.00 | 530.20 | 7953.00 |
|-----------|---|------|--|-------|--------|---------|

Basic rate 482.00
 Add 10% for Malnad area works 48.20
 Total 530.20 /Rmt

16 Providing & Laying platform using prepolished,water cut/gang saw 40mm thick telephonic black grinite,laid on existing vertical supports and fixing in CM 1:3 propotion.Including cutting to required shape pattern with paper joints including full rounding for nosing, finishing with cement mortar,pointed with color pigments to match the color of slab making through jointing with sealant making holes 25mmX12mm grooves in joints including cost of materials, mortar, labor curing etc,as per specification

West area

| | | | |
|---|------|------|------|
| 1 | 3.22 | 0.60 | 1.93 |
| 1 | 2.52 | 0.30 | 0.76 |
| 1 | 2.22 | 0.60 | 1.33 |
| 1 | 1.73 | 0.60 | 1.04 |
| 1 | 2.35 | 0.60 | 1.41 |
| 1 | 2.27 | 0.60 | 1.36 |

East area

| | | | |
|---|------|------|------|
| 1 | 2.30 | 0.60 | 1.38 |
| 1 | 2.30 | 0.60 | 1.38 |
| 1 | 2.00 | 0.60 | 1.20 |
| 1 | 5.40 | 0.60 | 3.24 |
| 1 | 5.40 | 0.60 | 3.24 |
| 1 | 4.50 | 0.60 | 2.70 |

20.97

Say 21.00 3877.50 81427.50

Basic rate 3525.00
 Add 10% for Malnad area works 352.50
 Total 3877.50 /Rmt

Sub total 1478856.37

Name of work: Construction of Shops 03 sets (02 Nos)

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----|----------------|------|------|--------------|----------------|----------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3 Page 6 | | | | | | | |
| | Long Walls | 2 | 3.00 | 1.35 | 0.85 | 6.89 | | |
| | Cross Walls | 2 | 3.46 | 1.35 | 0.85 | 7.94 | | |
| | | | | | | <u>14.83</u> | | |
| | | | | | Say | <u>15.00</u> | Cum | |
| a) | <u>In Ordinary Soil 90%</u> | | | | | | | |
| | S.R. Item No. 2.4 Page 5 | | 15.00 | X | 0.90 | <u>13.50</u> | <u>328.90</u> | 4440.00 |
| | | | | | | | Cum | |
| | Basic rate | | 299.00 | | | | | |
| | Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| | Total | | <u>328.90</u> | | | | /Cum | |
| b) | <u>In Hard soil 10%</u> | | | | | | | |
| | S.R. Item No. 2.6 Page 5 | | 12.00 | X | 0.10 | <u>1.20</u> | <u>492.80</u> | 591.00 |
| | | | | | | | Cum | |
| | Basic rate | | 448.00 | | | | | |
| | Add 10% for Malnad area works | | <u>44.80</u> | | | | | |
| | Total | | <u>492.80</u> | | | | /Cum | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | Long Walls | 2 | 3.00 | 0.75 | 0.10 | 0.45 | | |
| | Cross Walls | 2 | 3.46 | 0.75 | 0.10 | 0.52 | | |
| | | | | | | 0.97 | | |
| | | | | | Say | <u>1.00</u> | <u>6175.40</u> | 6175.00 |
| | | | | | | | Cum | |
| | Basic rate | | 5614.00 | | | | | |
| | Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| | Total | | <u>6175.40</u> | | | | /Cum | |
| 3 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. | | | | | | | |
| | KBS 5.1.13 | | | | | | | |
| | S.R. Item No. 5.2 Page 25 | | | | | | | |
| | Long Walls | 2 | 3.20 | 0.60 | 0.45 | 1.73 | | |
| | Cross Walls | 2 | 3.23 | 0.60 | 0.45 | 1.74 | | |
| | Long Walls | 2 | 3.20 | 0.40 | 0.30 | 0.77 | | |
| | Cross Walls | 2 | 3.23 | 0.40 | 0.30 | 0.78 | | |
| | | | | | | 5.02 | | |
| | | | | | Say | <u>5.00</u> | <u>5883.90</u> | 29420.00 |
| | | | | | | | Cum | |
| | Basic rate | | 5349.00 | | | | | |
| | Add 10% for Malnad area works | | <u>534.90</u> | | | | | |

Total 5883.90 /Cum

4 KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.

specification. No. KBS 2.9
S.R. Item No. 2.10 Page 7

| | | | | | | | |
|-------------------------------|---|---------------|------|------|-------------|---------------|--------|
| | 1 | 3.00 | 3.00 | 0.30 | 2.70 | | |
| | | | | | 2.70 | | |
| | | | | Say | <u>2.70</u> | <u>221.10</u> | 597.00 |
| Basic rate | | 201.00 | | | Cum | | |
| Add 10% for Malnad area works | | <u>20.10</u> | | | | | |
| Total | | <u>221.10</u> | | | | | |

5 KSRB 5-14: Providing and constructing load bearing wall with solid concrete block having block density not less than 1800kg/m³ having a minimum average compressive strength of 4.00 N/mm² confirming to IS 2185(Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all material, labour charges,scaffolding,curing,hire charges of machinery etc.,complete as per specifications.KBS No.5.4

5.26.1 with solid block 400X200X200

| | | | | | | | |
|-------------------------------|----|----------------|--|------|--------------|----------------|----------|
| Front step wall | 1 | 3.46 | | 0.20 | 0.69 | | |
| Long Walls | 1 | 3.00 | | 2.40 | 7.20 | | |
| Cross Walls | 2 | 3.46 | | 2.63 | 18.17 | | |
| Less Ventailtor | -1 | 0.23 | | 0.23 | <u>-0.05</u> | | |
| | | | | | <u>26.01</u> | | |
| | | | | Say | <u>26.00</u> | <u>1059.30</u> | 27542.00 |
| Basic rate | | 963.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>96.30</u> | | | | | |
| Total | | <u>1059.30</u> | | | | | |

6 Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060mm width(1000mm cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for the stiffening.The total thickness(TCT) of the sheet will be .47mm +/- 0.02 mm tolerance.Zinc - Alu Alloy coating AZ150 gsm as per the ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25mm length, to be over the existing purlins,raffters,channels and trusses.

SR 38.30,Page 299.

| | | | | | | | |
|-------------------------------|---|---------------|------|-----|--------------|---------------|----------|
| | 1 | 4.56 | 4.61 | | 21.02 | | |
| | | | | Say | <u>21.00</u> | <u>756.80</u> | 15893.00 |
| Basic rate | | 688.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>68.80</u> | | | | | |
| Total | | <u>756.80</u> | | | | | |

7 Fabrication supplying and erecting M.S tubular trusses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant. Welding shall conform to structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation etc., complete as per the specification

| | | | | | | |
|-------------------------------|---|--------|-------|--------|--------|-------|
| Total area | 1 | 21.00 | 10Kgs | 210.00 | 122.10 | 25641 |
| | | | | Kgs | | |
| Basic rate | | 111.00 | | | | |
| Add 10% for Malnad area works | | 11.10 | | | | |
| Total | | 122.10 | /Kgs | | | |

8 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.19 Page 120

| | | | | | | |
|-------------------------------|---|--------|------|------|---------------|----------|
| Inside | 1 | 3.00 | | 2.40 | 7.20 | |
| | 2 | 3.00 | | 2.63 | 15.75 | |
| Outside | 1 | 3.46 | | 2.65 | 9.17 | |
| | 2 | 3.23 | | 2.90 | 18.73 | |
| | | | | | <u>50.85</u> | |
| | | | | Say | <u>51.00</u> | 15315.00 |
| Basic rate | | 273.00 | | | Sqm | |
| Add 10% for Malnad area works | | 27.30 | | | | |
| Total | | 300.30 | /Sqm | | <u>300.30</u> | |

9 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13

For Flooring Bed

| | | | | | | |
|-------------------------------|---|---------|------|------|----------------|---------|
| | 1 | 3.46 | 3.00 | 0.10 | 1.04 | |
| | | | | | 1.04 | |
| | | | | Say | <u>1.10</u> | 6793.00 |
| Basic rate | | 5614.00 | | | Cum | |
| Add 10% for Malnad area works | | 561.40 | | | | |
| Total | | 6175.40 | /Cum | | <u>6175.40</u> | |

11 Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty scraping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade, sand papers, including cost of material, cost of labour and scaffolding etc complete as per completion. Page No 128 & SI No 15.106

| | | | | | |
|-----------------------------------|-----|--|--------------|--------------|---------|
| Internal wall plastering quantity | | | <u>30.15</u> | | |
| | Say | | <u>30.15</u> | <u>85.80</u> | 2587.00 |

| | |
|-------------------------------|-------------------|
| Basic rate | 78.00 |
| Add 10% for Malnad area works | <u>7.80</u> |
| Total | <u>85.80 /Cum</u> |

10 Providing and applying two coats with two coats of Putty with Emulsion painting of approved brand and shade on wall surface including priming coat with Emulsion primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

| | | | | | |
|-----------------------------------|-----|--|--------------|--------------|---------|
| Internal wall plastering quantity | | | <u>30.15</u> | | |
| | Say | | <u>30.15</u> | <u>99.00</u> | 2985.00 |

| | |
|-------------------------------|-------------------|
| Basic rate | 90.00 |
| Add 10% for Malnad area works | <u>9.00</u> |
| Total | <u>99.00 /Sqm</u> |

11 Providing and finishing external wall in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all the dirt and loose powdered material, free from mortar drops and other foreign matter cost of material, labour, complete as per specification

S.R. Item No. 15.104 Page 127

| | | | | | |
|-----------------------------------|-----|--|--------------|---------------|----------------|
| External wall plastering quantity | | | 37.07 | | |
| | Say | | <u>37.07</u> | <u>198.00</u> | <u>7340.00</u> |

| | |
|-------------------------------|--------------------|
| Basic rate | 180.00 |
| Add 10% for Malnad area works | <u>18.00</u> |
| Total | <u>198.00 /Sqm</u> |

12 Providing and supplying Epoxy Mastic priming coat over new steel or other metal surface including preparing the surface After cleaning oil, grease, dirt and other foreign matter and scoured with wire brushes fine steel wool, sand papers including coat of materials, labour complete.

| | | | | | | |
|-------------------------------|---|-------------------|------|-------|-------|---------|
| | 1 | 3.00 | 3.00 | 9.00 | | |
| Door | 1 | 3.00 | 2.80 | 8.40 | | |
| | 1 | 3.73 | 4.61 | 17.20 | | |
| | | | | 34.60 | 45.10 | 1560.25 |
| Basic rate | | 41.00 | | Sqm | | |
| Add 10% for Malnad area works | | <u>4.10</u> | | | | |
| Total | | <u>45.10 /Sqm</u> | | | | |

- 13 KSRB 7.5: Providing and fixing Pull and push type rolling shutter of approved make of 18 guage,75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laps by means of alternate clips, suspension shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft,with bracket plates,guide channels,ball bearing arrangements, for inside and outside locking with pull and push operation complete including pulling hooks 4nos.Handles with all fittings and accesseries, painted with coat of red lead paint(Without top cover) coat of materials , labours,HOM complete as per specifications.Shutter size 3.00mX2.8m

Specification no KBS 7.10/7.12

| | | | | | | | |
|-------------------------------|---|---------------------|------|-----|------|---------|----------|
| For Doors | 1 | 3.00 | 2.80 | | 8.40 | 2867.70 | 24088.68 |
| | | | | Sqm | | | |
| Basic rate | | 2607.00 | | | | | |
| Add 10% for Malnad area works | | <u>260.70</u> | | | | | |
| Total | | <u>2867.70</u> /Sqm | | | | | |

- 14 KSRB7.6:Providing and fixing top covers made out of 20 guage M.S sheet over pull and push rolling bent to shape including cost of red lead primer coat of painting, material ,labour,HOM complete as per specifications

Specification no KBS 7.10.6/7.12

| | | | | | | | |
|-------------------------------|---|--------------------|--|--|------|--------|---------|
| For Doors | 1 | 3.00 | | | 3.00 | 530.20 | 1590.60 |
| Basic rate | | 482.00 | | | | | |
| Add 10% for Malnad area works | | <u>48.20</u> | | | | | |
| Total | | <u>530.20</u> /Rmt | | | | | |

KSRB 6-7:Construction of partition wall 11.2cms thick with non modular ground moulded burnt brick of class designation with CM 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvansised iron of nominal thickness 0.35mm 100mm wide as per IS 2212/1991 st 7.5c/c including cost of materials,labours charges,scaffolding,curing complete as per specifiction

Specification No.KBS 6.2

KSRB 6-7.2 do with 5.0 N/mm2

| | | | | | | | |
|-------------------------------|---|---------------------|------|--|-------|----------------|---------|
| | 4 | 3.23 | 2.63 | | 33.98 | | |
| | | | Say | | 34.00 | <u>1147.30</u> | 39008.2 |
| Basic rate | | 1043.00 | | | | | |
| Add 10% for Malnad area works | | <u>104.30</u> | | | | | |
| Total | | <u>1147.30</u> /Sqm | | | | | |

Sub total 211566.73

Name of work: Construction of Shops 06 sets (01 Nos)

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----|----------------|------|------|--------------|----------------|----------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3 Page 6 | | | | | | | |
| | Long Walls | 2 | 18.73 | 1.35 | 0.85 | 42.99 | | |
| | Cross Walls | 7 | 3.46 | 1.35 | 0.85 | 27.79 | | |
| | | | | | | <u>70.78</u> | | |
| | | | | | Say | <u>51.00</u> | Cum | |
| a) | <u>In Ordinary Soil 90%</u> | | | | | | | |
| | S.R. Item No. 2.4 Page 5 | | 51.00 | X | 0.90 | <u>45.90</u> | <u>328.90</u> | 15097.00 |
| | | | | | | <u>Cum</u> | | |
| | Basic rate | | 299.00 | | | | | |
| | Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| | Total | | <u>328.90</u> | | | | | |
| | | | | | | | | |
| b) | <u>In Hard soil 10%</u> | | | | | | | |
| | S.R. Item No. 2.6 Page 5 | | 51.00 | X | 0.10 | <u>5.10</u> | <u>492.80</u> | 2513.00 |
| | | | | | | <u>Cum</u> | | |
| | Basic rate | | 448.00 | | | | | |
| | Add 10% for Malnad area works | | <u>44.80</u> | | | | | |
| | Total | | <u>492.80</u> | | | | | |
| | | | | | | | | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | Long Walls | 2 | 18.73 | 0.75 | 0.10 | 2.81 | | |
| | Cross Walls | 7 | 3.46 | 0.75 | 0.10 | 1.82 | | |
| | | | | | | <u>4.63</u> | | |
| | | | | | Say | <u>4.70</u> | <u>6175.40</u> | 29024.00 |
| | | | | | | <u>Cum</u> | | |
| | Basic rate | | 5614.00 | | | | | |
| | Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| | Total | | <u>6175.40</u> | | | | | |
| | | | | | | | | |
| 3 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. | | | | | | | |
| | KBS 5.1.13 | | | | | | | |
| | S.R. Item No. 5.2 Page 25 | | | | | | | |
| | Long Walls | 2 | 18.50 | 0.60 | 0.45 | 9.99 | | |
| | Cross Walls | 7 | 3.23 | 0.60 | 0.45 | 6.10 | | |
| | Long Walls | 2 | 18.50 | 0.40 | 0.30 | 4.44 | | |
| | Cross Walls | 7 | 3.23 | 0.40 | 0.30 | 2.71 | | |

| | | | | | | | |
|--|--|--|--|-----|--------------|----------------|-----------|
| | | | | | 23.24 | | |
| | | | | Say | <u>23.30</u> | <u>5883.90</u> | 137095.00 |
| | | | | | Cum | | |

| | | | | | | | |
|-------------------------------|----------------|------|--|--|--|--|--|
| Basic rate | 5349.00 | | | | | | |
| Add 10% for Malnad area works | <u>534.90</u> | | | | | | |
| Total | <u>5883.90</u> | /Cum | | | | | |

4 KSRB 2.3 : Filling available excavated earth (excluding rock)
in sides of foundations upto plinth in layers not exceeding 20
cms. in depth, compacting each deposited layer by ramming
after watering with lead upto 50 m. and lift upto 1.5 m.
including cost of all labour complete as per specifications.

specification. No. KBS 2.9
S.R. Item No. 2.10 Page 7

| | | | | | | | |
|--|---|-------|------|------|--------------|---------------|---------|
| | 1 | 18.50 | 3.00 | 0.30 | 16.65 | | |
| | 1 | 18.50 | 0.37 | 0.30 | 2.05 | | |
| | | | | | 18.70 | | |
| | | | | Say | <u>19.00</u> | <u>221.10</u> | 4201.00 |
| | | | | | Cum | | |

| | | | | | | | |
|-------------------------------|---------------|------|--|--|--|--|--|
| Basic rate | 201.00 | | | | | | |
| Add 10% for Malnad area works | <u>20.10</u> | | | | | | |
| Total | <u>221.10</u> | /Cum | | | | | |

5 KSRB 5-14: Providing and constructing load bearing wall with
solid concrete block having block density not less than
1800kg/m3 having a minimum average compressive strength of
4.00 N/mm2 conforming to IS 2185(Part 1):2005 and
constructed with CM 1:4 as per IS 2572:2005 including cost of
all material, labour charges,scaffolding,curing,hire charges of
machinery etc.,complete as per specifications.KBS No.5.4

5.26.1 with solid block 400X200X200

| | | | | | | | |
|-----------------|----|-------|--|------|--------------|----------------|----------|
| Front step wall | 1 | 18.50 | | 0.20 | 3.70 | | |
| Long Walls | 1 | 18.50 | | 2.40 | 44.40 | | |
| Cross Walls | 2 | 3.23 | | 2.63 | 16.96 | | |
| Less Ventailtor | -6 | 0.23 | | 0.23 | <u>-0.32</u> | | |
| | | | | | <u>64.74</u> | | |
| | | | | Say | <u>65.00</u> | <u>1059.30</u> | 68855.00 |
| | | | | | Cum | | |

| | | | | | | | |
|-------------------------------|----------------|------|--|--|--|--|--|
| Basic rate | 963.00 | | | | | | |
| Add 10% for Malnad area works | <u>96.30</u> | | | | | | |
| Total | <u>1059.30</u> | /Cum | | | | | |

6 KSRB 6-7:Construction of partition wall 11.2cms thick with non
modular ground moulded burnt brick of class designation with
CM 1:4 including providing and fixing plaster mesh
manufactured out of hot dipped galvansised iron of nominal
thickness 0.35mm 100mm wide as per IS 2212/1991 st 7.5c/c
including cost of materials,labours charges,scaffolding,curing
complete as per specification

Specification No.KBS 6.2

KSRB 6-7.2 do with 5.0 N/mm2

| | | | | | | | |
|--|---|------|--|------|-------|----------------|---------|
| | 5 | 3.23 | | 2.63 | 42.47 | | |
| | | | | Say | 43.00 | <u>1147.30</u> | 49333.9 |

| | | | | | | | |
|-------------------------------|----------------|-------|--|--|--|--|--|
| Basic rate | 1043.00 | | | | | | |
| Add 10% for Malnad area works | <u>104.30</u> | | | | | | |
| Total | <u>1147.30</u> | /Squm | | | | | |

7 Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060mm width(1000mm cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for the stiffening.The total thickness(TCT) of the sheet will be .47mm +/- 0.02 mm tolerance.Zinc - Alu Alloy coating AZ150 gsm as per the ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25mm length, to be over the existing purlins,rafters,channels and trusses.

SR 38.30,Page 299.

| | | | | | | |
|---|-------|------|-----|--------------|---------------|----------|
| 1 | 19.86 | 4.61 | | 91.55 | | |
| | | | Say | <u>91.60</u> | <u>756.80</u> | 69323.00 |
| | | | | Sqm | | |

| | |
|-------------------------------|--------------------|
| Basic rate | 688.00 |
| Add 10% for Malnad area works | <u>68.80</u> |
| Total | <u>756.80</u> /Sqm |

8 Fabrication supplying and erecting M.S tubular trusses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant.Welding shall confirm to structural welding code.Quality shall be on various parameters like shape,size,design guage and polish.The entire trusses is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material,labour charges and hire charges of machinaries for cutting,welding,grinding and erection equipments,with all lead and lift,transportation etc.,. complete as per the specification

| | | | | | | |
|------------|---|-------|-------|--------|--------|--------|
| Total area | 1 | 92.00 | 10Kgs | 920.00 | 122.10 | 112332 |
| | | | | Kgs | | |

| | |
|-------------------------------|--------------------|
| Basic rate | 111.00 |
| Add 10% for Malnad area works | <u>11.10</u> |
| Total | <u>122.10</u> /Kgs |

9 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.19 Page 120

| | | | | |
|----------------|---|-------|------|-------|
| Inside | 1 | 18.50 | 2.40 | 44.40 |
| | 2 | 3.00 | 2.63 | 15.75 |
| Partition wall | 5 | 3.23 | 2.63 | 42.47 |
| Outside | 1 | 18.96 | 2.65 | 50.24 |
| | 2 | 3.23 | 2.90 | 18.73 |

| | | | | | | |
|--|--|--|-----|---------------|---------------|----------|
| | | | Say | <u>171.59</u> | <u>300.30</u> | 51652.00 |
| | | | | <u>172.00</u> | | |
| | | | | Sqm | | |

| | |
|-------------------------------|--------------------|
| Basic rate | 273.00 |
| Add 10% for Malnad area works | <u>27.30</u> |
| Total | <u>300.30</u> /Sqm |

10 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13
For Flooring Bed

| | | | | | | | |
|-------------------------------|---|----------------|------|------|-------------|----------------|----------|
| | 1 | 18.50 | 3.00 | 0.10 | 5.55 | | |
| | 1 | 18.66 | 0.37 | 0.10 | 0.69 | | |
| | | | | | 6.24 | | |
| | | | | Say | <u>6.30</u> | <u>6175.40</u> | 38905.00 |
| Basic rate | | 5614.00 | | | Cum | | |
| Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| Total | | <u>6175.40</u> | /Cum | | | | |

11 Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty scraping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade, sand papers, including cost of material, cost of labour and scaffolding etc complete as per completion. Page No 128 & SI No 15.106

| | | | | | | | |
|-----------------------------------|--|--------------|------|-----|---------------|--------------|---------|
| Internal wall plastering quantity | | | | | <u>103.00</u> | | |
| | | | | Say | <u>103.00</u> | <u>85.80</u> | 8837.00 |
| Basic rate | | 78.00 | | | | | |
| Add 10% for Malnad area works | | <u>7.80</u> | | | | | |
| Total | | <u>85.80</u> | /Cum | | | | |

11 Providing and applying two coats with two coats of Putty with Emulsion painting of approved brand and shade on wall surface including priming coat with Emulsion primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

S.R. Item No. 15.49.1 Page 123

| | | | | | | | |
|-----------------------------------|--|--------------|------|-----|---------------|--------------|----------|
| Internal wall plastering quantity | | | | | <u>103.00</u> | | |
| | | | | Say | <u>103.00</u> | <u>99.00</u> | 10197.00 |
| | | | | | Sqm | | |
| Basic rate | | 90.00 | | | | | |
| Add 10% for Malnad area works | | <u>9.00</u> | | | | | |
| Total | | <u>99.00</u> | /Sqm | | | | |

12 Providing and finishing external wall in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all the dirt and loose powdered material, free from mortar drops and other foreign matter cost of material, labour, complete as per specification

S.R. Item No. 15.104 Page 127

| | | | | | | | |
|-----------------------------------|--|--|--|-----|--------------|---------------|-----------------|
| External wall plastering quantity | | | | | 69.00 | | |
| | | | | Say | <u>69.00</u> | <u>198.00</u> | <u>13662.00</u> |
| | | | | | Sqm | | |

Basic rate 180.00
 Add 10% for Malnad area works 18.00
 Total 198.00 /Sqm

13 KSRB:15-18.1 Applying red lead readymix primer coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand paper including cost of materials, labour complete as per specifications. Page No 123

| | | | | | | |
|------|---|-------|------|--------|-------|---------|
| | 6 | 3.00 | 3.00 | 54.00 | | |
| Door | 6 | 3.00 | 2.80 | 50.40 | | |
| Roof | 1 | 19.46 | 4.61 | 89.71 | | |
| | | | | 194.11 | 45.10 | 8754.39 |

Basic rate 41.00
 Add 10% for Malnad area works 4.10
 Total 45.10 /Sqm

14 KSRB 7.5: Providing and fixing Pull and push type rolling shutter of approved make of 18 gauge, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laps by means of alternate clips, suspension shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside and outside locking with pull and push operation complete including pulling hooks 4nos. Handles with all fittings and accessories, painted with coat of red lead paint (Without top cover) coat of materials, labours, HOM complete as per specifications. Shutter size 3.00m X 2.8m

Specification no KBS 7.10/7.12
 For Doors 6 3.00 2.80 50.40 2867.70 144532.08
 Sqm

Basic rate 2607.00
 Add 10% for Malnad area works 260.70
 Total 2867.70 /Sqm

15 KSRB 7.6: Providing and fixing top covers made out of 20 gauge M.S sheet over pull and push rolling bent to shape including cost of red lead primer coat of painting, material, labour, HOM complete as per specifications

Specification no KBS 7.10.6/7.12
 For Doors 6 3.00 18.00 530.20 9543.60

Basic rate 482.00
 Add 10% for Malnad area works 48.20
 Total 530.20 /Cum

Sub Total 773856.97

Name of work: Construction of Shops 06 sets (02 Nos with Extra)

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----|----------------|------|------|---------------|---------------|-------------------------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3 Page 6 | | | | | | | |
| | Long Walls | 4 | 20.73 | 1.35 | 0.85 | 95.15 | | |
| | Cross Walls | 14 | 3.46 | 1.35 | 0.85 | 55.58 | | |
| | | 2 | 2.62 | 1.35 | 0.85 | 6.01 | | |
| | | | | | | <u>156.74</u> | | |
| | | | | | | Say | <u>117.00</u> | Cum |
| a) | <u>In Ordinary Soil 90%</u> | | | | | | | |
| | S.R. Item No. 2.4 Page 5 | | 117.00 | X | 0.90 | <u>105.30</u> | <u>328.90</u> | 34633.00 |
| | | | | | | Cum | | |
| | Basic rate | | 299.00 | | | | | |
| | Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| | Total | | <u>328.90</u> | | | /Sqm | | |
| b) | <u>In Hard soil 10%</u> | | | | | | | |
| | S.R. Item No. 2.6 Page 5 | | 117.00 | X | 0.10 | <u>11.70</u> | <u>492.80</u> | 5766.00 |
| | | | | | | Cum | | |
| | Basic rate | | 448.00 | | | | | |
| | Add 10% for Malnad area works | | <u>44.80</u> | | | | | |
| | Total | | <u>492.80</u> | | | /Cum | | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | Long Walls | 4 | 20.50 | 0.75 | 0.10 | 6.15 | | |
| | Cross Walls | 14 | 3.46 | 0.75 | 0.10 | 3.63 | | |
| | | 2 | 2.62 | 0.75 | 0.10 | 0.39 | | |
| | | | | | | <u>10.17</u> | | |
| | | | | | | Say | <u>10.20</u> | <u>6175.40</u> 62989.00 |
| | | | | | | Cum | | |
| | Basic rate | | 5614.00 | | | | | |
| | Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| | Total | | <u>6175.40</u> | | | /Cum | | |
| 3 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. | | | | | | | |
| | KBS 5.1.13 | | | | | | | |
| | S.R. Item No. 5.2 Page 25 | | | | | | | |
| | Long Walls | 4 | 20.50 | 0.60 | 0.45 | 22.14 | | |
| | Cross Walls | 14 | 3.23 | 0.60 | 0.45 | 12.21 | | |
| | Cross Walls | 2 | 2.62 | 0.60 | 0.45 | 1.41 | | |
| | Long Walls | 4 | 20.50 | 0.40 | 0.30 | 9.84 | | |
| | Cross Walls | 14 | 3.23 | 0.40 | 0.30 | 5.43 | | |
| | Cross Walls | 2 | 2.62 | 0.40 | 0.30 | 0.63 | | |

| | | | | | | | |
|-------------------------------|---------------------|--|--|-----|--------------|----------------|-----------|
| | | | | | 51.66 | | |
| | | | | Say | <u>51.70</u> | <u>5883.90</u> | 304198.00 |
| Basic rate | 5349.00 | | | | Cum | | |
| Add 10% for Malnad area works | <u>534.90</u> | | | | | | |
| Total | <u>5883.90</u> /Cum | | | | | | |

4 KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.

specification. No. KBS 2.9
S.R. Item No. 2.10 Page 7

| | | | | | |
|--|---|-------|------|------|-------|
| | 2 | 18.50 | 3.00 | 0.30 | 33.30 |
| | 2 | 2.00 | 2.50 | 0.30 | 3.00 |
| | 2 | 20.93 | 0.37 | 0.30 | 4.65 |

Say 41.00 221.10 9065.00
Cum

| | | | | | |
|-------------------------------|--------------------|--|--|--|-----|
| Basic rate | 201.00 | | | | Cum |
| Add 10% for Malnad area works | <u>20.10</u> | | | | |
| Total | <u>221.10</u> /Cum | | | | |

5 KSRB 5-14: Providing and constructing load bearing wall with solid concrete block having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all material, labour charges,scaffolding,curing,hire charges of machinery etc.,complete as per specifications.KBS No.5.4

5.26.1 with solid block 400X200X200

| | | | | | |
|-----------------|-----|-------|--|------|-------|
| Front step wall | 2 | 20.50 | | 0.20 | 8.20 |
| Long Walls | 2 | 20.50 | | 2.40 | 98.40 |
| Cross Walls | 4 | 3.23 | | 2.63 | 33.92 |
| Cross Walls | 4 | 2.73 | | 2.63 | 28.72 |
| Less Ventailtor | -12 | 0.23 | | 0.23 | -0.63 |

Say 168.61 169.00 1059.30 179022.00
Sqm

| | | | | | |
|-------------------------------|---------------------|--|--|--|--|
| Basic rate | 963.00 | | | | |
| Add 10% for Malnad area works | <u>96.30</u> | | | | |
| Total | <u>1059.30</u> /Sqm | | | | |

6 KSRB 6-7:Construction of partion wall 11.2cms thick with non modular ground moulded burnt brick of class designation with CM 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvansised iron of nominal thickness 0.35mm 100mm wide as per IS 2212/1991 st 7.5c/c including cost of materials,labours charges,scaffolding,curing complete as per specifiction

Specification No.KBS 6.2

KSRB 6-7.2 do with 5.0 N/mm2

| | | | | | |
|--|---|------|--|------|-------|
| | 5 | 3.23 | | 2.63 | 42.47 |
|--|---|------|--|------|-------|

Say 43.00 1147.30 49333.9

| | | | | | |
|-------------------------------|---------------------|--|--|--|--|
| Basic rate | 1043.00 | | | | |
| Add 10% for Malnad area works | <u>104.30</u> | | | | |
| Total | <u>1147.30</u> /Sqm | | | | |

7 Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060mm width(1000mm cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for the stiffening.The total thickness(TCT) of the sheet will be .47mm +/- 0.02 mm tolerance.Zinc - Alu Alloy coating AZ150 gsm as per the ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25mm length, to be over the existing purlins,rafters,channels and trusses.

SR 38.30,Page 299.

| | | | | | | | |
|-------------------------------|---|---------------|------|-----|---------------|---------------|----------|
| | 1 | 22.09 | 4.61 | | 101.83 | | |
| | | | | Say | <u>101.90</u> | <u>756.80</u> | 77118.00 |
| | | | | | Sqm | | |
| Basic rate | | 688.00 | | | | | |
| Add 10% for Malnad area works | | <u>68.80</u> | | | | | |
| Total | | <u>756.80</u> | | | | | |

8 Fabrication supplying and erecting M.S tubular trusses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant.Welding shall confirm to structural welding code.Quality shall be on various parameters like shape,size,design guage and polish.The entire trusses is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material,labour charges and hire charges of machinaries for cutting,welding,grinding and erection equipments,with all lead and lift,transportation etc., complete as per the specification

| | | | | | | |
|-------------------------------|---|---------------|-------|---------|--------|--------|
| Total area | 1 | 102.00 | 10Kgs | 1020.00 | 122.10 | 124542 |
| | | | | Kgs | | |
| Basic rate | | 111.00 | | | | |
| Add 10% for Malnad area works | | <u>11.10</u> | | | | |
| Total | | <u>122.10</u> | | | | |

9 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.19 Page 120

| | | | | | | | |
|-------------------------------|---|---------------|--|------|---------------|---------------|-----------|
| Inside | 2 | 20.50 | | 2.40 | 98.40 | | |
| | 4 | 3.00 | | 2.63 | 31.50 | | |
| | 2 | 2.50 | | 2.63 | 13.15 | | |
| Partition Wall | 5 | 3.23 | | 2.63 | 42.47 | | |
| Outside | 2 | 21.19 | | 2.65 | 112.31 | | |
| | 4 | 3.23 | | 2.90 | 37.47 | | |
| | | | | | <u>335.30</u> | | |
| | | | | Say | <u>336.00</u> | <u>300.30</u> | 100901.00 |
| Basic rate | | 273.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>27.30</u> | | | | | |
| Total | | <u>300.30</u> | | | | | |

10 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13
For Flooring Bed

| | | | | | | |
|---|-------|------|------|------|---------|----------|
| 1 | 18.50 | 3.00 | 0.10 | 5.55 | | |
| 1 | 2.00 | 2.50 | 0.10 | 0.50 | | |
| 1 | 18.66 | 0.37 | 0.10 | 0.69 | | |
| | | | | 6.74 | | |
| | | | Say | 6.80 | 6175.40 | 41993.00 |
| | | | | Cum | | |

Basic rate 5614.00
Add 10% for Malnad area works 561.40
Total 6175.40 /Sqm

11 Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty scraping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade, sand papers, including cost of material, cost of labour and scaffolding etc complete as per completion. Page No 128 & SI No 15.106

Internal wall plastering quantity

| | | | | | | |
|--|--|--|-----|--------|-------|----------|
| | | | | 186.00 | | |
| | | | Say | 186.00 | 85.80 | 15959.00 |

Basic rate 78.00
Add 10% for Malnad area works 7.80
Total 85.80 /Cum

11 Providing and applying two coats with two coats of Putty with Emulsion painting of approved brand and shade on wall surface including priming coat with Emulsion primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

Internal wall plastering quantity

| | | | | | | |
|--|--|--|-----|--------|-------|----------|
| | | | | 186.00 | | |
| | | | Say | 186.00 | 99.00 | 18414.00 |

Basic rate 90.00
Add 10% for Malnad area works 9.00
Total 99.00 /Sqm

12 Providing and finishing external wall in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all the dirt and loose powdered material, free from mortar drops and other foreign matter cost of material, labour, complete as per specification

S.R. Item No. 15.53.2 Page 120 -with Primer
External wall plastering quantity

| | | | | | | |
|--|--|--|-----|--------|--------|----------|
| | | | | 150.00 | | |
| | | | Say | 150.00 | 198.00 | 29700.00 |

Sqm

Basic rate 180.00
Add 10% for Malnad area works 18.00

Total 198.00 /Sqm

13 KSRB:15-18.1 Applying red lead readymix primer coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil grease, dirt and other foregn matter,and scoured with wire brushes, fine steel wool,sand paper including cost of materials, labour complete as per specifications.Page No 123

| | | | | | | |
|-------------------------------|---|--------------|------|--------|-------|---------|
| | 6 | 3.00 | 3.00 | 54.00 | | |
| | 2 | 2.00 | 3.00 | 12.00 | | |
| Door | 6 | 3.00 | 2.80 | 50.40 | | |
| Roof | 1 | 22.00 | 4.61 | 101.42 | | |
| | | | | 217.82 | 45.10 | 9823.68 |
| Basic rate | | 41.00 | | | | |
| Add 10% for Malnad area works | | <u>4.10</u> | | | | |
| Total | | <u>45.10</u> | | | | |

14 KSRB 7.5: Providing and fixing Pull and push type rolling shutter of approved make of 18guage,75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laps by means of alternate clips, suspension shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft,with bracket plates,guide channels,ball bearing arrangements, for inside and outside locking with pull and push operation complete including pulling hooks 4nos.Handles with all fittings and accesseries, painted with coat of red lead paint(Without top cover) coat of materials , labours,HOM complete as per specifications.Shutter size 3.00mX2.8m

Specification no KBS 7.10/7.12

| | | | | | | |
|-------------------------------|---|----------------|------|-------|-------|-------------------|
| For Doors | 6 | 3.00 | 2.80 | 50.40 | | |
| | 2 | 2.50 | 2.80 | 14.00 | | |
| | | | | 64.40 | | |
| | | | | Say | 65.00 | 2867.70 186400.50 |
| | | | | Sqm | | |
| Basic rate | | 2607.00 | | | | |
| Add 10% for Malnad area works | | <u>260.70</u> | | | | |
| Total | | <u>2867.70</u> | | | | |

15 KSRB7.6:Providing and fixing top covers made out of 20 guage M.S sheet over pull and push rolling bent to shape including cost of red lead primer coat of painting, material ,labour,HOM complete as per specifications

Specification no KBS 7.10.6/7.12

| | | | | | | |
|-------------------------------|---|---------------|--|-------|--------|----------|
| For Doors | 6 | 3.00 | | 18.00 | 530.20 | |
| | 2 | 2.50 | | 5.00 | | |
| | | | | 23.00 | 530.20 | 12194.60 |
| Basic rate | | 482.00 | | | | |
| Add 10% for Malnad area works | | <u>48.20</u> | | | | |
| Total | | <u>530.20</u> | | | | |

Sub Total 1262052.68

Name of work: Construction of Shops 04 sets (02 Nos)

| Sl.No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|--------|---|----------------|-------|------|------|------------------|----------------|-----------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3 Page 6 | | | | | | | |
| | Long Walls | 4 | 12.53 | 1.35 | 0.85 | 57.51 | | |
| | Cross Walls | 10 | 3.46 | 1.35 | 0.85 | 39.70 | | |
| | | | | | | <u>97.21</u> | | |
| | | | | | | Say <u>98.00</u> | Cum | |
| a) | <u>In Ordinary Soil 90%</u> | | | | | | | |
| | S.R. Item No. 2.4 Page 5 | 98.00 | X | 0.90 | | <u>88.20</u> | <u>328.90</u> | 29009.00 |
| | Basic rate | 299.00 | | | | Cum | | |
| | Add 10% for Malnad area works | <u>29.90</u> | | | | | | |
| | Total | <u>328.90</u> | | | | | | |
| b) | <u>In Ordinary Rock without Blasting 50%</u> | | | | | | | |
| | S.R. Item No. 2.6 Page 5 | 98.00 | X | 0.10 | | <u>9.80</u> | <u>492.80</u> | 4829.00 |
| | Basic rate | 448.00 | | | | Cum | | |
| | Add 10% for Malnad area works | <u>44.80</u> | | | | | | |
| | Total | <u>492.80</u> | | | | | | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1.12 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | Long Walls | 4 | 12.53 | 0.75 | 0.10 | 3.76 | | |
| | Cross Walls | 10 | 3.46 | 0.75 | 0.10 | <u>2.60</u> | | |
| | | | | | | 6.36 | | |
| | | | | | | Say <u>6.40</u> | <u>6175.40</u> | 39523.00 |
| | Basic rate | 5614.00 | | | | Cum | | |
| | Add 10% for Malnad area works | <u>561.40</u> | | | | | | |
| | Total | <u>6175.40</u> | | | | | | |
| 3 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. | | | | | | | |
| | KBS 5.1.13 | | | | | | | |
| | S.R. Item No. 5.2 Page 25 | | | | | | | |
| | Long Walls | 4 | 12.40 | 0.60 | 0.45 | 13.39 | | |
| | Cross Walls | 10 | 3.23 | 0.60 | 0.45 | 8.72 | | |
| | Long Walls | 4 | 12.40 | 0.40 | 0.30 | 5.95 | | |
| | Cross Walls | 10 | 3.23 | 0.40 | 0.30 | 3.88 | | |
| | | | | | | 31.94 | | |
| | | | | | | Say <u>32.00</u> | <u>5883.90</u> | 188285.00 |

| | | | | |
|-------------------------------|---------------------|--|--|-----|
| Basic rate | 5349.00 | | | Cum |
| Add 10% for Malnad area works | <u>534.90</u> | | | |
| Total | <u>5883.90</u> /Cum | | | |

4 KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.

specification. No. KBS 2.9

S.R. Item No. 2.10 Page 7

| | | | | |
|---|-------|------|------|-------|
| 4 | 12.30 | 3.00 | 0.30 | 44.28 |
| 4 | 12.53 | 0.37 | 0.30 | 5.56 |
| | | | | 49.84 |

Say 50.00 221.10 11055.00

| | | | | |
|-------------------------------|--------------------|--|--|-----|
| Basic rate | 201.00 | | | Cum |
| Add 10% for Malnad area works | <u>20.10</u> | | | |
| Total | <u>221.10</u> /Cum | | | |

5 KSRB 5-14: Providing and constructing load bearing wall with solid concrete block having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all material, labour charges,scaffolding,curing,hire charges of machinery etc.,complete as per specifications.KBS No.5.4

5.26.1 with solid block 400X200X200

| | | | | |
|-----------------|----|-------|------|---------------|
| Front step wall | 2 | 12.79 | 0.20 | 5.12 |
| Long Walls | 4 | 12.30 | 2.40 | 118.08 |
| Cross Walls | 8 | 3.23 | 2.63 | 67.83 |
| Less Ventailtor | -8 | 0.23 | 0.23 | <u>-0.42</u> |
| | | | | <u>190.61</u> |

Say 191.00 1059.30 202326.00

| | | | | |
|-------------------------------|---------------------|--|--|-----|
| Basic rate | 963.00 | | | Cum |
| Add 10% for Malnad area works | <u>96.30</u> | | | |
| Total | <u>1059.30</u> /Sqm | | | |

6 KSRB 6-7:Construction of partition wall 11.2cms thick with non modular ground moulded burnt brick of class designation with CM 1:4 including providing and fixing plaster mesh manufactured out of hot dipped galvansised iron of nominal thickness 0.35mm 100mm wide as per IS 2212/1991 st 7.5c/c including cost of materials,labours charges,scaffolding,curing complete as per specification

Specification No.KBS 6.2

KSRB 6-7.2 do with 5.0 N/mm2

| | | | |
|---|------|------|-------|
| 3 | 3.23 | 2.63 | 25.48 |
| | | Say | 26.00 |

1147.30 29829.8

| | | | |
|-------------------------------|---------------------|--|--|
| Basic rate | 1043.00 | | |
| Add 10% for Malnad area works | <u>104.30</u> | | |
| Total | <u>1147.30</u> /Sqm | | |

7 Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060mm width(1000mm cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for the stiffening.The total thickness(TCT) of the sheet will be .47mm +/- 0.02 mm tolerance.Zinc - Alu Alloy coating AZ150 gsm as per the ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of sheet and polyster top coat 20-22 microns using self drilling/self tapping screws of 25mm length, to be over the existing purlins,rafters,channels and trusses.

SR 38.30,Page 299.

| | | | | | | | |
|-------------------------------|---|---------------|------|-----|---------------|---------------|----------|
| | 2 | 13.67 | 4.61 | | 126.04 | | |
| | | | | Say | <u>126.00</u> | <u>756.80</u> | 95357.00 |
| Basic rate | | 688.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>68.80</u> | | | | | |
| Total | | <u>756.80</u> | /Sqm | | | | |

8 Fabrication supplying and erecting M.S tubular trusses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant. Weldin shall confirm to structural welding code. Quality shall be on various parameters like shape, size, design guage and polish. The entire struss is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material, labour charges and hire charges of machinaries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation etc., complete as per the specification

| | | | | | | | |
|-------------------------------|---|---------------|-------|---------|--|--------|--------|
| Total area | 1 | 126.00 | 10Kgs | 1260.00 | | 122.10 | 153846 |
| | | | | Kgs | | | |
| Basic rate | | 111.00 | | | | | |
| Add 10% for Malnad area works | | <u>11.10</u> | | | | | |
| Total | | <u>122.10</u> | /Kgs | | | | |

9 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.19 Page 120

| | | | | | | | |
|-------------------------------|----|---------------|------|------|---------------|---------------|-----------|
| Inside | 8 | 12.30 | | 2.40 | 236.16 | | |
| | 16 | 3.00 | | 2.63 | 126.00 | | |
| Partion wall | 3 | 3.23 | | 2.63 | 25.48 | | |
| Outside | 8 | 12.76 | | 2.65 | 270.51 | | |
| | 16 | 3.23 | | 2.90 | 149.87 | | |
| | | | | | <u>808.02</u> | | |
| | | | | Say | <u>809.00</u> | <u>300.30</u> | 242943.00 |
| Basic rate | | 273.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>27.30</u> | | | | | |
| Total | | <u>300.30</u> | /Sqm | | | | |

10 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 12

For Flooring Bed

| | | | | | | |
|---|-------|------|------|-------------|----------------|----------|
| 1 | 12.40 | 3.00 | 0.10 | 3.72 | | |
| 1 | 12.66 | 0.37 | 0.10 | 0.47 | | |
| | | | | 4.19 | | |
| | | | Say | <u>4.20</u> | <u>6175.40</u> | 25937.00 |

Basic rate 5614.00 Cum

Add 10% for Malnad area works 561.40

Total 6175.40 /Cum

11 Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty scraping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade, sand papers, including cost of material, cost of labour and scaffolding etc complete as per completion. Page No 128 & SI No 15.106

| | | | | | | |
|-----------------------------------|--|--|-----|---------------|--------------|----------|
| Internal wall plastering quantity | | | Say | <u>388.00</u> | <u>85.80</u> | 33290.00 |
| | | | | <u>388.00</u> | | |

Basic rate 78.00

Add 10% for Malnad area works 7.80

Total 85.80 /Cum

11 Providing and applying two coats with two coats of Putty with Emulsion painting of approved brand and shade on wall surface including priming coat with Emulsion primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

| | | | | | | |
|-----------------------------------|--|--|-----|---------------|--------------|----------|
| Internal wall plastering quantity | | | Say | <u>388.00</u> | <u>99.00</u> | 38412.00 |
| | | | | <u>388.00</u> | | |

Basic rate 90.00 Sqm

Add 10% for Malnad area works 9.00

Total 99.00 /Sqm

12 KSRB 15-16.1: Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.

S.R. Item No. 15.53.2 Page 120 -with Primer

| | | | | | | |
|-----------------------------------|--|--|-----|---------------|---------------|-----------------|
| External wall plastering quantity | | | Say | 420.00 | <u>198.00</u> | <u>83160.00</u> |
| | | | | <u>420.00</u> | | |

Basic rate 180.00

Add 10% for Malnad area works 18.00

Total 198.00 /Sqm

13 KSRB:15-18.1 Applying red lead readymix primer coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand paper including cost of materials, labour complete as per specifications. Page No 123

| | | | | | | |
|-------------------------------|----|--------------|------|--------|--------|---------------|
| | 10 | 3.00 | 3.00 | 90.00 | | |
| Door | 4 | 3.00 | 2.80 | 33.60 | | |
| Roof | 1 | 13.67 | 4.61 | 63.02 | | |
| | | | | 186.62 | | |
| | | | | Say | 187.00 | 45.10 8433.70 |
| Basic rate | | 41.00 | | Sqm | | |
| Add 10% for Malnad area works | | <u>4.10</u> | | | | |
| Total | | <u>45.10</u> | | /Sqm | | |

14 KSRB 7.5: Providing and fixing Pull and push type rolling shutter of approved make of 18 gauge, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laps by means of alternate clips, suspension shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside and outside locking with pull and push operation complete including pulling hooks 4 nos. Handles with all fittings and accessories, painted with coat of red lead paint (Without top cover) coat of materials, labours, HOM complete as per specifications. Shutter size 3.00m X 2.8m

Specification no KBS 7.10/7.12
For Doors

| | | | | | | |
|--|----|------|------|-------|-------|-------------------|
| | 10 | 3.00 | 2.80 | 84.00 | | |
| | | | | Say | 84.00 | 2867.70 240886.80 |

| | |
|-------------------------------|---------------------|
| Basic rate | 2607.00 |
| Add 10% for Malnad area works | <u>260.70</u> |
| Total | <u>2867.70</u> /Sqm |

15 KSRB 7.6: Providing and fixing top covers made out of 20 gauge M.S sheet over pull and push rolling bent to shape including cost of red lead primer coat of painting, material, labour, HOM complete as per specifications

Specification no KBS 7.10.6/7.12

| | | | | | |
|-----------|----|------|-------|--------|----------|
| For Doors | 10 | 3.00 | 30.00 | 530.20 | 15906.00 |
|-----------|----|------|-------|--------|----------|

| | |
|-------------------------------|--------------------|
| Basic rate | 482.00 |
| Add 10% for Malnad area works | <u>48.20</u> |
| Total | <u>530.20</u> /Cum |

Sub Total = Rs. 1443028.30

Name of work: Construction of Shops 05 sets (01 Nos) - Shorter length

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----|----------------|------|------|--------------|----------------|----------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 S.R. Item No. 2.3 Page 6 | | | | | | | |
| | Long Walls | 2 | 13.13 | 1.35 | 0.85 | 30.13 | | |
| | Cross Walls | 2 | 3.23 | 1.35 | 0.85 | 7.41 | | |
| | | | | | | <u>37.54</u> | | |
| | | | | | Say | <u>45.00</u> | Cum | |
| a) | <u>In Ordinary Soil 90%</u> S.R. Item No. 2.4 Page 5 | | 45.00 | X | 0.90 | <u>40.50</u> | <u>328.90</u> | 13320.00 |
| | | | | | | <u>Cum</u> | | |
| | Basic rate | | 299.00 | | | | | |
| | Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| | Total | | <u>328.90</u> | | | | | |
| | | | | | | | | |
| b) | <u>In Hard soil 10%</u> S.R. Item No. 2.6 Page 5 | | 45.00 | X | 0.10 | <u>4.50</u> | <u>492.80</u> | 2218.00 |
| | Basic rate | | 448.00 | | | <u>Cum</u> | | |
| | Add 10% for Malnad area works | | <u>44.80</u> | | | | | |
| | Total | | <u>492.80</u> | | | | | |
| | | | | | | | | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 S.R. Item No. 4.2 Page 13 | | | | | | | |
| | Long Walls | 2 | 12.90 | 0.75 | 0.10 | 1.94 | | |
| | Cross Walls | 2 | 2.23 | 0.75 | 0.10 | <u>0.33</u> | | |
| | | | | | | 2.27 | | |
| | | | | | Say | <u>2.50</u> | <u>6175.40</u> | 15439.00 |
| | Basic rate | | 5614.00 | | | <u>Cum</u> | | |
| | Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| | Total | | <u>6175.40</u> | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 3 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 S.R. Item No. 5.2 Page 25 | | | | | | | |
| | Long Walls | 2 | 12.90 | 0.60 | 0.45 | 6.97 | | |
| | Cross Walls | 2 | 2.23 | 0.60 | 0.45 | 1.20 | | |
| | Long Walls | 2 | 12.90 | 0.40 | 0.30 | 3.10 | | |
| | Cross Walls | 2 | 2.23 | 0.40 | 0.30 | 0.54 | | |
| | | | | | | 11.81 | | |
| | | | | | Say | <u>12.00</u> | <u>5883.90</u> | 70607.00 |
| | Basic rate | | 5349.00 | | | <u>Cum</u> | | |
| | Add 10% for Malnad area works | | <u>534.90</u> | | | | | |
| | Total | | <u>5883.90</u> | | | | | |

- 4 KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.

specification. No. KBS 2.9

S.R. Item No. 2.10 Page 7

| | | | | | | | |
|-------------------------------|---|---------------|------|------|--------------|---------------|---------|
| | 1 | 12.90 | 2.00 | 0.30 | 7.74 | | |
| | 1 | 13.36 | 0.37 | 0.30 | 1.48 | | |
| | | | | | 9.22 | | |
| | | | | Say | <u>10.00</u> | <u>221.10</u> | 2211.00 |
| Basic rate | | 201.00 | | | Cum | | |
| Add 10% for Malnad area works | | <u>20.10</u> | | | | | |
| Total | | <u>221.10</u> | | | | | |

- 5 KSRB 5-14: Providing and constructing load bearing wall with solid concrete block having block density not less than 1800kg/m³ having a minimum average compressive strength of 4.00 N/mm² confirming to IS 2185(Part 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all material, labour charges, scaffolding, curing, hire charges of machinery etc., complete as per specifications. KBS No.5.4

5.26.1 with solid block 400X200X200

| | | | | | | | |
|-------------------------------|----|----------------|--|------|--------------|----------------|----------|
| Front step wall | 1 | 13.36 | | 0.20 | 2.67 | | |
| Long Walls | 1 | 12.90 | | 2.40 | 30.96 | | |
| Cross Walls | 2 | 2.23 | | 2.63 | 11.71 | | |
| Less Ventailtor | -5 | 0.23 | | 0.23 | <u>-0.26</u> | | |
| | | | | | <u>45.08</u> | | |
| | | | | Say | <u>45.00</u> | <u>1059.30</u> | 47669.00 |
| Basic rate | | 963.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>96.30</u> | | | | | |
| Total | | <u>1059.30</u> | | | | | |

- 6 Providing and installing of pre painted Galvalume iron Trapezodal profiled sheet of approved make 1060mm width(1000mm cover width)28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for the stiffening. The total thickness(TCT) of the sheet will be .47mm +/- 0.02 mm tolerance. Zinc - Alu Alloy coating AZ150 gsm as per the ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy permier on both side of sheet and polyster top coat 20-22 microns using self drilling/self tapping screws of 25mm length, to be over the existing purlins, rafters, channels and trusses.

SR 38.30, Page 299.

| | | | | | | | |
|-------------------------------|---|---------------|------|-----|--------------|---------------|----------|
| | 1 | 14.56 | 3.73 | | 54.31 | | |
| | | | | Say | <u>55.00</u> | <u>756.80</u> | 41624.00 |
| Basic rate | | 688.00 | | | Sqm | | |
| Add 10% for Malnad area works | | <u>68.80</u> | | | | | |
| Total | | <u>756.80</u> | | | | | |

7 Fabrication supplying and erecting M.S tubular truses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant. Weldin shall confirm to structural welding code. Quality shall be on various parameters like shape, size, design guage and polish. The entire struss is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightning, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material, labour charges and hire charges of machinaries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation etc., complete as per the specification

| | | | | | | | |
|-------------------------------|---|--------|-------|--------|--|--------|-------|
| Total area | 1 | 55.00 | 10Kgs | 550.00 | | 122.10 | 67155 |
| | | | | Kgs | | | |
| Basic rate | | 111.00 | | | | | |
| Add 10% for Malnad area works | | 11.10 | | | | | |
| Total | | 122.10 | /Kgs | | | | |

8 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.19 Page 120

| | | | | | | | |
|-------------------------------|---|--------|------|------|-------|--------|----------|
| Inside | 1 | 12.40 | | 2.40 | 29.76 | | |
| | 2 | 2.00 | | 2.63 | 10.50 | | |
| Outside | 1 | 13.36 | | 2.65 | 35.40 | | |
| | 2 | 2.23 | | 2.90 | 12.93 | | |
| | | | | | 88.59 | | |
| | | | | Say | 89.00 | 300.30 | 26727.00 |
| Basic rate | | 273.00 | | | Sqm | | |
| Add 10% for Malnad area works | | 27.30 | | | | | |
| Total | | 300.30 | /Sqm | | | | |

9 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13

For Flooring Bed

| | | | | | | | |
|-------------------------------|---|---------|------|------|------|---------|----------|
| | 1 | 15.40 | 3.00 | 0.10 | 4.62 | | |
| | 1 | 15.66 | 0.37 | 0.10 | 0.58 | | |
| | | | | | 5.20 | | |
| | | | | Say | 6.00 | 6175.40 | 37052.00 |
| Basic rate | | 5614.00 | | | Cum | | |
| Add 10% for Malnad area works | | 561.40 | | | | | |
| Total | | 6175.40 | /Cum | | | | |

10 KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.

S.R. Item No. 15.49.1 Page 123

Internal wall plastering quantity

| | | | | | | |
|-------------------------------|--------------------|--|-----|-------|--------|---------|
| | | | | 41.00 | | |
| | | | Say | 41.00 | 121.00 | 4961.00 |
| Basic rate | 110.00 | | | Sqm | | |
| Add 10% for Malnad area works | <u>11.00</u> | | | | | |
| Total | <u>121.00</u> /Sqm | | | | | |

- 11 KSRB 15-16.1:Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material,free frommortar drops and other foreign matter cost of materials , labour, complete as per specifications.

S.R. Item No. 15.53.2 Page 120 -with Primer

External wall plastering quantity

| | | | | | | |
|-------------------------------|--------------------|--|-----|-------|--------|---------|
| | | | | 49.00 | | |
| | | | Say | 49.00 | 198.00 | 9702.00 |
| Basic rate | 180.00 | | | Sqm | | |
| Add 10% for Malnad area works | <u>18.00</u> | | | | | |
| Total | <u>198.00</u> /Sqm | | | | | |

- 12 KSRB 15-18.2: Providing and supplying Enamel paint 02 coats (excluding primer coat) over new steel or other material surface brushing to give an even shade after cleaning oil,greece,dirt and other foreign matter,including coat of materials,labour complete as per the specification.

S.R. Item No. 15.74, Page 123

| | | | | | | |
|-------------------------------|--------------------|------|------|--------|--------|----------|
| | 5 | 3.00 | 3.00 | 45.00 | | |
| | | | | 45.00 | | |
| Coefficient 2.2/smt | | | | 2.20 | | |
| | | | | 99.00 | | |
| | | | Say | 238.00 | 104.50 | 24871.00 |
| Basic rate | 95.00 | | | Sqm | | |
| Add 10% for Malnad area works | <u>9.50</u> | | | | | |
| Total | <u>104.50</u> /Sqm | | | | | |

- 13 KSRB 7.5: Providing and fixing Pull and push type roofing shutter of approved make of 18guage,75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laps by means of alternate clips, suspen shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft,with bracket plates,guide channels,ball baring arrangements, for inside and outside locking with pull and push operation complete including pulling hooks 4nos.Handles with all fittings and accesseries, painted with coat of red lead paint(Without top cover) coat of materials , labours,HOM complete as per specifications.Shutter size 3.00mX2.8m

Specification no KBS 7.10/7.12

| | | | | | | |
|-------------------------------|---------------------|------|------|-------|--------|-------------------|
| For Doors | 5 | 3.00 | 2.80 | 42.00 | | |
| | | | | Say | 101.00 | 2867.70 289637.70 |
| | | | | Sqm | | |
| Basic rate | 2607.00 | | | | | |
| Add 10% for Malnad area works | <u>260.70</u> | | | | | |
| Total | <u>2867.70</u> /Sqm | | | | | |

- 14 KSRB7.6:Providing and fixing top covers made out of 20 guage M.S sheet over pull and push roofing bent to shape including cost of red lead primer coat of painting, material ,labour,HOM complete as per specifications

Specification no KBS 7.10.6/7.12

| | | | | | | |
|-----------|---|------|--|-------|--------|---------|
| For Doors | 5 | 3.00 | | 15.00 | 530.20 | 7953.00 |
|-----------|---|------|--|-------|--------|---------|

Basic rate 482.00
Add 10% for Malnad area works 48.20
Total 530.20 /Cum

Sub Total = Rs. 661146.70


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru


Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Name of work: Construction of Road East & West wings

| Sl.No. | Description of work | No | L | B | D | Quantity | Rate | Amount | |
|--------|---|-----|--------|-------|------|----------|---------|-----------|-------------|
| 1 | KSRRB M300-49:Scarifying bituminous course 50mm to 75mm thick along with premix carpet/surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges as per specifications.MORTH/Chapter 3 S.R Item No 19.55 Page 146 | | | | | | | | |
| | West | 1 | 180.50 | 8.00 | | | | 1444.00 | |
| | Triangle Portion | 0.5 | 30.00 | 11.50 | | | | 172.50 | |
| | | 0.5 | 18.00 | 3.20 | | | | 28.80 | |
| | East | 1 | 280.25 | 8.00 | | | | 2242.00 | |
| | | 1 | 171.00 | 8.00 | | | | 1368.00 | |
| | | | | | | | | 5255.30 | |
| | | | | | | Say | 5255.30 | 99.00 | 5,20,274.70 |
| | Basic rate | | 90.00 | | | | Sqm | | |
| | Add 10% for Malnad area works | | 9.00 | | | | | | |
| | Total | | 99.00 | | | | | /Sqm | |
| 2 | KSRRB 300.2:Earth work excavation by manual means for roads,drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed,the disposed earth to be levelled neatly after breaking of clods complete as per specification.MORTH/Chapter 3 S.R Item No. 19.3 Page 143 Road Works | | | | | | | | |
| | West | 1 | 180.50 | 8.00 | 0.60 | | | 866.40 | |
| | Triangle Portion | 0.5 | 30.00 | 11.50 | 0.60 | | | 103.50 | |
| | | 0.5 | 18.00 | 3.20 | 0.60 | | | 17.28 | |
| | East | 1 | 280.25 | 8.00 | 0.60 | | | 1345.20 | |
| | | 1 | 171.00 | 8.00 | 0.60 | | | 820.80 | |
| | | | | | | | | 3153.18 | |
| | | | | | | Say | 3153.18 | 196.00 | 618016.97 |
| | Basic rate | | 178.18 | | | | Cum | | |
| | Add 10% for Malnad area works | | 17.82 | | | | | | |
| | Total | | 196.00 | | | | | /Cum | |
| 3 | KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 S.R. Item No. 2.10 Page 7 | | | | | | | | |
| | | 1 | 180.50 | 8.00 | 0.30 | | | 433.20 | |
| | | 0.5 | 30.00 | 11.50 | 0.30 | | | 51.75 | |
| | Fountain - 4nos | 0.5 | 18.00 | 3.20 | 0.30 | | | 8.64 | |
| | | 1 | 280.25 | 8.00 | 0.30 | | | 672.60 | |
| | | 1 | 171.00 | 8.00 | 0.30 | | | 410.40 | |
| | | | | | | | | 1576.59 | |
| | | | | | | | 221.10 | 348584.05 | |
| | | | | | | | Cum | | |
| | Basic rate | | 201.00 | | | | | | |
| | Add 10% for Malnad area works | | 20.10 | | | | | | |
| | Total | | 221.10 | | | | | /Cum | |

KSRRB M600-1. Providing and constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregate @0.58 cum over a prepared sub-base, coarse and fine aggregate confirming to IS:383-2016, aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V revision and IS 456 Table -5.

with OPC at 150 kg/cum and coarse aggregates 0.86cum, fine aggregate 0.58cum using concrete batch mix plant at 75 cum/hr capacity with slip from paver with electric sensor S.R. Item No 22.1.1 Page 174

| | | | | | | | |
|-------------------------------|-----|---------|-------|------|--------|--------|------------|
| West | 1 | 180.50 | 8.00 | 0.10 | 144.40 | | |
| Triangle Portion | 0.5 | 30.00 | 11.50 | 0.10 | 17.25 | | |
| | 0.5 | 18.00 | 3.20 | 0.10 | 2.88 | | |
| East | 1 | 280.25 | 8.00 | 0.10 | 224.20 | | |
| | 1 | 171.00 | 8.00 | 0.10 | 136.80 | | |
| | | | | | 525.53 | | |
| | | | | | Say | 525.53 | 2340079.98 |
| Basic rate | | 4048.00 | | | Cum | | |
| Add 10% for Malnad area works | | 404.80 | | | | | |
| Total | | 4452.80 | | | | | |

5 KSRRB M600-2. Providing and constructing unreinforced, dowl jointed, plain cement pavement Quality concrete for pavements using grade concrete M40 having Flexural strength not less than 4.50 Mpa over a prepared base with OPC, coarse aggregate at 0.64 cum, fine aggregates at 0.36cum, coarse and fine aggregates confirming to IS:383-2016 and Table 600-3 of MORTH V revision, with superplasticizer at 3 its confirming to IS 9103-2008, loading materials to batch mix plant as per approved mix design, transported to site in transit truck agitator 5cum capacity, laid with paver, compacted cost for providing contraction, expansion construction and longitudinal joints, joint filler, separation membrane of impermeable plastic sheet of 125micron, groove cutting sealant primer joint, sealant de bonding strip, dowel bars at 9kg/cum, tie rods at 1.15 kg/cum admixtures as approved, curing with OPC at 150 kg/cum and coarse aggregates 0.86cum, fine aggregate 0.58cum using concrete batch mix plant at 75 cum/hr capacity with slip from paver with electric sensor S.R. Item No 22.2.1 Page 175

| | | | | | | | |
|-------------------------------|-----|---------|-------|------|---------|---------|------------|
| West | 1 | 180.50 | 8.00 | 0.20 | 288.80 | | |
| Triangle Portion | 0.5 | 30.00 | 11.50 | 0.20 | 34.50 | | |
| | 0.5 | 18.00 | 3.20 | 0.20 | 5.76 | | |
| East | 1 | 280.25 | 8.00 | 0.20 | 448.40 | | |
| | 1 | 171.00 | 8.00 | 0.20 | 273.60 | | |
| | | | | | 1051.06 | | |
| | | | | | Say | 1051.06 | 6606332.52 |
| Basic rate | | 5714.00 | | | Cum | | |
| Add 10% for Malnad area works | | 571.40 | | | | | |
| Total | | 6285.40 | | | | | |

6 Providing groove cutting of width of 5mm to 10mm and depth of 80-100mm including cost of cutting machine generator and HOM including cost of blade coolant etc. Including cleaning of groove and providing sand and hot bitumen fillers and filler metal etc. including conveyance of all material labour lead and lift charges and all other incidental charges as per drawing and as per specification.

Horizontal area

358 4.00 1432.00

Longitudinal

1 713.00 713.00

2145.00

Say 2145.00 148.50 318532.50

Basic rate

135.00

Rmt

Add 10% for Malnad area works

13.50

Total

148.50 /Rmt

7 Construction of Granular sub base grading -V as sub base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with mortar grader or prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per

West 1 180.50 8.00 0.10 144.40

Triangle Portion 0.5 30.00 11.50 0.10 17.25

0.5 18.00 3.20 0.10 2.88

East 1 280.25 8.00 0.10 224.20

1 171.00 8.00 0.10 136.80

525.53

525.53 2382.60 1252127.78

Basic rate

2166.00

Cum

Add 10% for Malnad area works

216.60

Total

2382.60 /Cum

8 KSRB 4.9.2: Providing TMT steel reinforcement for RCC work including straightning, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tying with bending wire and anchoring to the adjoining member wherever necessary complete as per design (laps hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per SR No.4.46.2, Page 18 - Fe 500

450 0.50 225.00

Weight/Rmt for 20mm

3.82

859.50

0.86 77860.20 66920.84

Tonne

Basic rate

70782.00

Add 10% for Malnad area works

7078.20

Total

77860.20 /Tonne

9 Retro-Reflectorised Traffic Signs- Providing and fixing of retro reflectorised cautionary, mandatory and informatory signs as per IRC 67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 1.5mm thk supported on mild steel angle iron post 75mmX75mmX6mm firmly fixed to the ground by means of properly design foundation with M15 grade cement concrete 45cmX45cmX60cm, 60cm below Ground level as 600 MM Equilateral triangle- TYPE XI

8.00 2768.70 22149.60

Nos

Basic rate 2517.00
 Add 10% for Malnad area works 251.70
 Total 2768.70 /Tonne

10

KSRRB M800-6,Painting two coats on new concrete surface:Painting two coats after filling the surface with synthetic enamel paint an all shades on new plastered concrete surfaces complete as per specification: MORTH

Kerb wall 50.00
 Say 50.00 90.20 4510
 Smt
 Basic rate 82.00
 Add 10% for Malnad area works 8.20
 Total 90.20 /Smt

11

KSRRB M800-13.Road Marking with hot Applied Thermoplastic compound with Reflectrising Glass Beads on Concrete Surface: Providing and laying of hot Applied thermoplastic compound 2.5mm thick including reflectorising

50
 Say 50 471.90 23595
 Basic rate 429.00
 Add 10% for Malnad area works 42.90
 Total 471.90 /Smt

12

KSRRB 14.13-2: Providing precast chequered mosaic tiles light shade using white cement for steps and flooring, 20mm thick using marble chips of 7 to 10 nominal size laid in floors, steps and landings on a bed of 12mm thick cement mortar 1:3 mix, and jointed with neat cement slurry mixed with pigment to match the shade of tiles curing, rubbing,

1575 1293.00 2036475

Smt

Basic rate 1175.00
 Add 10% for Malnad area works 118.00
 Total 1293.00 /Smt

13

KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates a per design mix formula for base/ binding course including loadin of aggregates with F.E. Loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer/ tack coat & including lead, lift and cost of all


70.84 7058.00 500000


Cum

Basic rate 6416.00
 Add 10% for Malnad area works 642.00
 Total 7058.00 Cum

Sub Total 1,46,57,598.95


 Assistant Engineer
 Mangaluru Smart City
 Mangaluru


 Assistant Executive Engineer
 Mangaluru Smart City Limited
 Mangaluru


 Executive Engineer
 Mangaluru Smart City Limited
 Mangaluru

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|--------------------------|--|----|---------|------|------|-----------------------|----------------|------------|
| STORM WATER DRAIN | | | | | | | | |
| 1 | KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 S.R. Item No. 2.4 Page 5 Storm Water Drain | 1 | 800.00 | 1.05 | 1.05 | 882.00 | | |
| | | 1 | 485.00 | 1.05 | 1.05 | 534.71 | | |
| | | 1 | 50.00 | 1.05 | 1.05 | 55.13 | | |
| | | | | | | 1471.84 | | |
| a) | <u>In Hard Soil 90%</u> S.R. Item No. 2.4 Page 5 | | 1471.84 | X | 0.90 | <u>1324.66</u> Cum | <u>328.90</u> | 435679.00 |
| b) | <u>In Ordinary Rock without Blasting 10%</u> S.R. Item No. 2.6 Page 5 | | 1471.84 | X | 0.10 | <u>147.18</u> Cum | <u>1563.10</u> | 230063.00 |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 S.R. Item No. 4.2 Page 13 Storm Water Drain | 1 | 800.00 | 1.05 | 0.10 | 84.00 | | |
| | | 1 | 485.00 | 1.05 | 0.10 | 50.93 | | |
| | | 1 | 50.00 | 1.05 | 0.10 | 5.25 | | |
| | | | | | | <u>140.18</u> Cum | <u>6175.40</u> | 865668.00 |
| 3 | KSRB 4-1.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal course aggregates @ 0.69 cum and fine aggregates @ 0.46 cum with superplasticiser @ 3 Ltrs confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, vibrated for beams, columns of all sizes in foundation, plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 S.R. Item No. 4.11 Page 14 | | | | | | | |
| A | <u>FOR FOOTINGS</u> For Foundations | 1 | 800.00 | 0.90 | 0.15 | 108.00 | | |
| | | 1 | 485.00 | 0.90 | 0.15 | 65.48 | | |
| | | 1 | 50.00 | 0.90 | 0.15 | 6.75 | | |
| | | | | | | <u>180.23</u> Cum | <u>6642.90</u> | 1197250.00 |
| B | <u>FOR RCC RETAINING WALLS</u> | 2 | 800.00 | 0.10 | 0.75 | 120.00 | | |
| | | 2 | 485.00 | 0.10 | 0.75 | 72.75 | | |
| | | 2 | 50.00 | 0.10 | 0.75 | 7.50 | | |
| | | | | | | <u>200.25</u> Cum | <u>6642.90</u> | 1330241.00 |

C FOR SLAB

| | | | | | | | |
|----------|---|--------|------|------|---------------|----------------|-----------|
| For Slab | 1 | 800.00 | 0.90 | 0.10 | 72.00 | | |
| | 1 | 485.00 | 0.90 | 0.10 | 43.65 | | |
| | 1 | 100.00 | 0.90 | 0.10 | 9.00 | | |
| | | | | | <u>124.65</u> | <u>6642.90</u> | 828037.00 |
| | | | | | Cum | | |

4 KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3

TMT Bars Fe 500

S.R. Item No. 4.46.2 Page 18

| | | | | | | |
|-----------|--------|---|-------|----------------|--|--|
| Footings | 180.23 | X | 50.00 | 9011.50 | | |
| Walls | 200.25 | X | 50.00 | 10012.50 | | |
| Flat Slab | 124.65 | X | 60.00 | <u>7479.00</u> | | |

26503.00 Kgs

Or 26.50 77860.20 2063529.00
Tonne

5 KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2

S.R. Item No. 4.28 Page 16

| | | | | | | |
|-----------------|---|--------|------|-------|--|--|
| For Foundations | 1 | 800.00 | 0.10 | 80.00 | | |
| | 1 | 485.00 | 0.10 | 48.50 | | |
| | 1 | 50.00 | 0.10 | 5.00 | | |

133.50 289.30 38622.00
Sqm

6 KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for vertical surface such as walls at any thickness including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2

S.R. Item No. 4.31 Page 15

| | | | | | | |
|--|---|--------|------|---------|--|--|
| | 4 | 800.00 | 0.75 | 2400.00 | | |
| | 4 | 485.00 | 0.75 | 1455.00 | | |
| | 4 | 50.00 | 0.75 | 150.00 | | |

4005.00 397.10 1590386.00
Sqm

7 KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications For Heights Upto 3.50 Metre from ground level. Specification No. KBS 4.6.2

S.R. Item No. 4.18 Page 15

| | | | | | | |
|----------|---|--------|------|--------|--|--|
| For Slab | 1 | 800.00 | 0.60 | 480.00 | | |
| | 1 | 485.00 | 0.60 | 291.00 | | |
| | 1 | 100.00 | 0.60 | 60.00 | | |

831.00 495.00 411345.00
Sqm

8 KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2

| | | | | | |
|---|--------|------|---------------|---------------|-----------|
| 2 | 800.00 | 0.10 | 160.00 | | |
| 2 | 485.00 | 0.10 | 97.00 | | |
| 2 | 100.00 | 0.10 | 20.00 | | |
| | | | <u>277.00</u> | <u>910.80</u> | 252292.00 |
| | | | Sqm | | |

9 Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25 mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, mortar, including cutting, grinding the edge to half/full round wherever required, labour, curing complete as per specification.

S.R. Item No. 14.62 Page 112

| | | | | | |
|---|--------|------|----------------|----------------|-----------------------|
| 1 | 800.00 | 0.90 | 720.00 | | |
| 1 | 485.00 | 0.90 | 436.50 | | |
| 1 | 100.00 | 0.90 | 90.00 | | |
| | | | <u>1246.50</u> | <u>1356.30</u> | 1690628.00 |
| | | | Sqm | | |
| | | | Sqm | Total = Rs. | <u>1,09,33,740.00</u> |



Assistant Engineer
Mangaluru Smart City Ltd,
Mangaluru



Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru



Executive Engineer

Mangaluru Smart City Limited
Mangaluru

Name of work: Construction of Interlock - West

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|--|----|---------------------|------|------|----------|---------------|--------------|
| 1 | KSRRB M300-14: Excavation for road work in all types of soil by machanical means including cutting and loading to tipper, trimming bottom and side slopes in accordance with requirements of lines, grades and cross section and trasportation with a lead of 1.00KM and complete as per specifications. Morth Specificatio No.301 | | | | | | | |
| | S.R. Item No. 19.14 Page 143 | | | | | | | |
| | Two Wheeler Parking | 1 | 87.71 | 2.01 | 0.30 | | | 52.89 |
| | Four Wheeler parking | 1 | 18.62 | 5.00 | 0.30 | | | 27.93 |
| | Four Wheeler parking | 1 | 36.54 | 5.00 | 0.30 | | | 54.81 |
| | | | | | | | | 135.63 |
| | | | | | Say | | <u>136.00</u> | 6134.00 |
| | Basic rate | | 41.00 | | | | Cum | |
| | Add 10% for Malnad area works | | 4.10 | | | | | |
| | Total | | <u>45.10</u> /Cum | | | | | |
| 2 | KSRRB M300-14: Excavation for road work in all types of soil by machanical means including cutting and loading to tipper, trimming bottom and side slopes in accordance with requirements of lines, grades and cross section and trasportation with a lead of 1.00KM and complete as per specifications. Morth Specificatio No.301 | | | | | | | |
| | S.R. Item No. 19.14 Page 143 | | | | | | | |
| | For Kerb Stones | 1 | 647.04 | 0.30 | 0.30 | | | 58.23 |
| | | | | | Say | | | <u>59.00</u> |
| | a) <u>In Hard Soil 80%</u> | | 59.00 | X | 1.00 | | | <u>59.00</u> |
| | Basic rate | | 41.00 | | | | Cum | 2661.00 |
| | Add 10% for Malnad area works | | 4.10 | | | | | |
| | Total | | <u>45.10</u> /Cum | | | | | |
| 3 | KSRRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggragates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | | 1 | 673.51 | 0.30 | 0.10 | | | 20.21 |
| | | | | | Say | | <u>21.00</u> | 129683.00 |
| | Basic rate | | 5614.00 | | | | Cum | |
| | Add 10% for Malnad area works | | 561.40 | | | | | |
| | Total | | <u>6175.40</u> /Cum | | | | | |

4 Providing and fixing Pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400 mm high and 450 mm in length finished with CM 1:3, plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.

S.R. Item No. 5.30 , 5.29.2 Page 27

| | | | | | | |
|-------------------------------|---|--------------------|-----|---------------|---------------|-----------|
| | 1 | 1497.00 | | 1497.00 | | |
| | | | Say | <u>975.00</u> | <u>463.10</u> | 451523.00 |
| Basic rate | | 421.00 | | Nos | | |
| Add 10% for Malnad area works | | <u>42.10</u> | | | | |
| Total | | <u>463.10</u> /Nos | | | | |

5 KSRB 14.6-1 : Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.

Specification No.KBS

| | | | | | | |
|----------------------|---|-------|------|--------|--|--|
| Two Wheeler Parking | 1 | 87.71 | 2.01 | 176.30 | | |
| Four Wheeler parking | 1 | 18.62 | 5.00 | 93.10 | | |
| Four Wheeler parking | 1 | 36.54 | 5.00 | 182.70 | | |

| | | | | | | |
|-------------------------------|--|---------------------|-----|---------------|----------------|-----------|
| | | | | 452.10 | | |
| | | | Say | <u>452.00</u> | <u>1161.60</u> | 525043.00 |
| Basic rate | | 1056.00 | | Sqm | | |
| Add 10% for Malnad area works | | <u>105.60</u> | | | | |
| Total | | <u>1161.60</u> /Sqm | | | | |

6 KSRRB M800-6,Painting two coats on new concrete surface:Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces complete as per specification: MORTH specification No.803

| | | | | | | |
|-------------------------------|---|-------------------|------|--------|---------------|--------------|
| Kerb wall | 1 | 695.00 | 0.65 | 451.75 | | |
| | | | | Say | <u>452.00</u> | <u>90.20</u> |
| Basic rate | | 82.00 | | Sqm | | 40770.4 |
| Add 10% for Malnad area works | | <u>8.20</u> | | | | |
| Total | | <u>90.20</u> /Sqm | | | | |

Sub total 1155814.40

Name of work: Construction of Interlock - East

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|--|-----|--------------|-------|------|----------|---------------|----------|
| 1 | KSRRB M300-14: Excavation for road work in all types of soil by machanical means including cutting and loading to tipper, trimming bottom and side slopes in accordance with requirements of lines, grades and cross section and trasportation with a lead of 1.00KM and complete as per specifications. Morth Specificatio No.301 | | | | | | | |
| | S.R. Item No. 19.14 Page 143 | | | | | | | |
| | Bus Parking | 1 | 24.35 | 17.16 | 0.30 | | | 125.35 |
| | Triangle portion | 0.5 | 26.00 | 3.87 | 0.30 | | | 15.09 |
| | | 1 | 5.11 | 5.55 | 0.30 | | | 8.51 |
| | | 1 | 13.60 | 7.23 | 0.30 | | | 29.50 |
| | Four Wheeler Parking | 1 | 28.82 | 8.07 | 0.30 | | | 69.77 |
| | | 1 | 10.70 | 5.00 | 0.30 | | | 16.05 |
| | | 1.0 | 7.17 | 12.00 | 0.30 | | | 25.81 |
| | Four Wheeler Parking | 1 | 12.50 | 5.00 | 0.30 | | | 18.75 |
| | | 1 | 2.50 | 5.00 | 0.30 | | | 3.75 |
| | | 1 | 5.00 | 5.00 | 0.30 | | | 7.50 |
| | | 1 | 7.50 | 5.00 | 0.30 | | | 11.25 |
| | | 1 | 9.00 | 6.75 | 0.30 | | | 18.23 |
| | | 1 | 10.00 | 5.00 | 0.30 | | | 15.00 |
| | | 1.0 | 20.00 | 5.00 | 0.30 | | | 30.00 |
| | Two wheeler | 1.0 | 15.00 | 5.00 | 0.30 | | | 22.50 |
| | Two wheeler | 1 | 17.50 | 5.08 | 0.30 | | | 26.64 |
| | Four Wheeler Parking | 1 | 22.50 | 5.08 | 0.30 | | | 34.26 |
| | | 1 | 7.50 | 5.08 | 0.30 | | | 11.42 |
| | | 1 | 6.30 | 5.08 | 0.30 | | | 9.60 |
| | | 1 | 20.00 | 5.08 | 0.30 | | | 30.45 |
| | | 1.0 | 22.50 | 5.08 | 0.30 | | | 34.29 |
| | | 1 | 28.60 | 5.08 | 0.30 | | | 43.54 |
| | | 1 | 22.50 | 5.08 | 0.30 | | | 34.26 |
| | | 1 | 27.60 | 5.08 | 0.30 | | | 42.02 |
| | | 1 | 32.60 | 5.08 | 0.30 | | | 49.63 |
| | Two wheeler | 1 | 85.50 | 2.00 | 0.30 | | | 51.30 |
| | | | | | | | | 784.47 |
| | | | | | | Say | <u>785.00</u> | 35404.00 |
| | Basic rate | | 41.00 | | | | Cum | |
| | Add 10% for Malnad area works | | <u>4.10</u> | | | | | |
| | Total | | <u>45.10</u> | | | | | |

- 2 KSRRB M300-14: Excavation for road work in all types of soil by machanical means including cutting and loading to tipper, trimming bottom and side slopes in accordance with requirements of lines, grades and cross section and trasportation with a lead of 1.00KM and complete as per specifications. Morth Specificatio No.301

S.R. Item No. 19.14 Page 143

| | | | | | | | |
|-----------------|---|---------|------|------|--------------|-----|--|
| For Kerb Stones | 1 | 1083.00 | 0.30 | 0.30 | 97.47 | | |
| | | | | Say | <u>98.00</u> | Cum | |

a) In Hard Soil 80%

| | | | | | | | |
|--|--|-------|---|------|--------------|--------------|---------|
| | | 98.00 | X | 1.00 | <u>98.00</u> | <u>45.10</u> | 4420.00 |
| | | | | | | Cum | |

| | |
|-------------------------------|-------------------|
| Basic rate | 41.00 |
| Add 10% for Malnad area works | <u>4.10</u> |
| Total | <u>45.10</u> /Cum |

- 3 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggragates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13

| | | | | | | | |
|--|---|---------|------|------|--------------|----------------|-----------|
| | 1 | 1083.00 | 0.30 | 0.10 | 32.49 | | |
| | | | | Say | <u>33.00</u> | <u>6175.40</u> | 203788.00 |

| | |
|-------------------------------|---------------------|
| Basic rate | 5614.00 |
| Add 10% for Malnad area works | <u>561.40</u> |
| Total | <u>6175.40</u> /Cum |

- 4 Providing and fixing Pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400 mm high and 450 mm in length finished with CM 1:3, plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.

S.R. Item No. 5.30.5.29(b) Page 27

| | | | | | | | |
|--|---|---------|--|-----|----------------|---------------|------------|
| | 1 | 2407.00 | | | 2407.00 | | |
| | | | | Say | <u>2407.00</u> | <u>463.10</u> | 1114682.00 |

| | |
|-------------------------------|--------------------|
| Basic rate | 421.00 |
| Add 10% for Malnad area works | <u>42.10</u> |
| Total | <u>463.10</u> /Nos |

5 KSRB 14.6-2 : Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.

S.R. Item No. 14.6 Page 110

| | | | | | | |
|-------------------------------|------|----------------|-------|----------------|----------------|------------|
| P1 | 1 | 25.45 | 5.00 | 127.25 | | |
| | 1 | 4.39 | 3.60 | 15.80 | | |
| | 1 | 96.10 | 4.16 | 399.78 | | |
| | 1 | 3.10 | 3.00 | 9.30 | | |
| P2 | 1 | 12.56 | 7.00 | 87.92 | | |
| | 1 | 12.82 | 4.41 | 56.54 | | |
| P3 | 1.0 | 27.95 | 4.27 | 119.35 | | |
| P4 | 1 | 3.60 | 2.30 | 8.28 | | |
| | 1 | 17.58 | 12.25 | 215.36 | | |
| Less | -1 | 9.98 | 4.97 | -49.60 | | |
| P5 | 1 | 5.30 | 5.17 | 27.40 | | |
| | 1 | 68.68 | 16.21 | 1113.30 | | |
| Les Shop area | -2 | 21.25 | 3.83 | -162.78 | | |
| | 3.0 | 3.00 | 1.50 | 13.50 | | |
| | 1.0 | 4.30 | 3.60 | 15.48 | | |
| P6 | 1 | 3.74 | 1.78 | 6.66 | | |
| | 1 | 4.30 | 3.66 | 15.74 | | |
| | 1 | 54.27 | 6.14 | 333.22 | | |
| | 1 | 2.16 | 0.51 | | | |
| | 1 | 10.16 | 2.00 | 20.32 | | |
| | 1.0 | 4.90 | 3.00 | 14.70 | | |
| | 1 | 7.39 | 3.00 | 22.17 | | |
| | 1 | 18.85 | 7.85 | 147.97 | | |
| P7 | 1 | 28.72 | 3.21 | 92.19 | | |
| P8 | 1 | 38.00 | 2.86 | 108.68 | | |
| P9 | 1 | 13.10 | 4.84 | 63.40 | | |
| Triangle portion | 0.5 | 13.03 | 4.81 | 31.34 | | |
| | 1 | 269.00 | 1.70 | 457.30 | | |
| | 10.0 | 5.00 | 2.20 | 110.00 | | |
| | | | | 3420.57 | | |
| | | | Say | <u>3421.00</u> | <u>1161.60</u> | 3973834.00 |
| | | | | Cum | | |
| Basic rate | | 1056.00 | | | | |
| Add 10% for Malnad area works | | <u>105.60</u> | | | | |
| Total | | <u>1161.60</u> | | | | /Cum |

6 KSRRB M800-6, Painting two coats on new concrete surface: Painting two coats after filling the surface with synthetic enamel paint and all shades on new plastered concrete surfaces complete as per specification: MORTH specification No.803

| | | | | | | |
|-------------------------------|---|--------------|------|--------|--------|--------------|
| Kerb wall | 1 | 1083.00 | 0.65 | 703.95 | | |
| | | | | Say | 704.00 | <u>90.20</u> |
| Basic rate | | <u>82.00</u> | | | | 63500.8 |
| Add 10% for Malnad area works | | <u>8.20</u> | | | | |
| Total | | <u>90.20</u> | /Smt | | | |

Sub total 53,95,628.80



**Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru**



**Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru**



Executive Engineer

**Mangaluru Smart City Limited
Mangaluru**

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---------------------|----|---|---|---|----------|------|--------|
|---------|---------------------|----|---|---|---|----------|------|--------|

CULVERT

| | | | | | | | | |
|----|--|---|-------|------|------|-----------|---------|----------|
| 1 | KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 S.R. Item No. 2.4 Page 5 For Foundations | 1 | 16.15 | 2.25 | 1.90 | 69.04 Cum | | |
| a) | <u>In Hard Soil 90%</u> S.R. Item No. 2.4 Page 5 | | 69.04 | X | 0.90 | 62.14 Cum | 328.90 | 20437.00 |
| b) | <u>In Ordinary Rock without Blasting 10%</u> S.R. Item No. 2.6 Page 5 | | 69.04 | X | 0.10 | 6.90 Cum | 1563.10 | 10792.00 |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 S.R. Item No. 4.2 Page 13 For Foundations | 1 | 16.15 | 2.25 | 0.15 | 5.45 Cum | 6175.40 | 33656.00 |
| 3 | KSRB 4-1.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal course aggregates @ 0.69 cum and fine aggregates @ 0.46 cum with superplasticiser @ 3 Ltrs confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, vibrated for beams, columns of all sizes in foundation, plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 S.R. Item No. 4.11 Page 13 | | | | | | | |
| A | <u>FOR FOOTINGS</u> For Foundations | 1 | 16.00 | 2.10 | 0.30 | 10.08 Cum | 6642.90 | 66960.00 |
| B | <u>FOR RCC WALLS</u> | 2 | 16.00 | 0.30 | 1.20 | 11.52 Cum | 6642.90 | 76526.00 |
| C | <u>FOR SLAB</u> For Slab | 1 | 16.00 | 1.80 | 0.25 | 7.20 Cum | 6642.90 | 47829.00 |
| 4 | KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT. Bars. Fe 500 | | | | | | | |

| | | | | |
|-----------|-------|---|--------|---------------|
| Footings | 10.08 | X | 80.00 | 806.40 |
| Walls | 11.52 | X | 140.00 | 1612.80 |
| Flat Slab | 7.20 | X | 120.00 | <u>864.00</u> |

3283.20 Kgs

Say 3300.00 Kgs

Or 3.30 77860.20 256939.00
Tonne

- 5 KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2

S.R. Item No. 4.28 Page 16

| | | | | | | |
|-----------------|---|-------|------|--------------|---------------|---------|
| For Foundations | 1 | 36.20 | 0.30 | <u>10.86</u> | <u>289.30</u> | 3142.00 |
|-----------------|---|-------|------|--------------|---------------|---------|

Sqm

- 6 KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for vertical surface such as walls at any thickness including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2

S.R. Item No. 4.31 Page 15

| | | | | | | |
|---------|---|-------|------|--------------|---------------|----------|
| Alround | 2 | 32.60 | 1.20 | <u>78.24</u> | <u>397.10</u> | 31069.00 |
|---------|---|-------|------|--------------|---------------|----------|

Sqm

- 7 KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications For Heights Upto 3.50 Metre from ground level. Specification No. KBS 4.6.2

S.R. Item No. 4.18 Page 15

| | | | | | | |
|----------|---|-------|------|--------------|---------------|---------|
| For Slab | 1 | 16.00 | 1.20 | <u>19.20</u> | <u>495.00</u> | 9504.00 |
|----------|---|-------|------|--------------|---------------|---------|

Sam

- 8 KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2

S.R. Item No. 4.36 Page 16

| | | | | | | |
|--|---|-------|------|-------------|---------------|---------|
| | 1 | 35.60 | 0.25 | <u>8.90</u> | <u>910.80</u> | 8106.00 |
|--|---|-------|------|-------------|---------------|---------|

Sam

- 9 KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.21 Page 114

| | | | | | | |
|----------|---|-------|------|--------------|---------------|---------|
| For Slab | 1 | 16.00 | 1.20 | <u>19.20</u> | <u>259.60</u> | 4984.00 |
|----------|---|-------|------|--------------|---------------|---------|

Sqm

- 10 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

S.R. Item No. 15.19 Page 114

| | | | | | | |
|---------|---|-------|------|---------------|---------------|-----------------|
| Inside | 2 | 16.00 | 1.20 | 38.40 | | |
| Base | 1 | 16.00 | 1.20 | 19.20 | | |
| Outside | 2 | 16.00 | 1.45 | <u>46.40</u> | | |
| | | | | <u>104.00</u> | <u>300.30</u> | <u>31231.00</u> |

Sqm

Total = Rs. 601175.00



Assistant Engineer
Mangaluru Smart City Ltd,
Mangaluru



Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru



Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Name of work: Construction of Pathway - East

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|--|------|--------------|-------|------|---------------|--------------|----------|
| 1 | KSRRB M300-14: Excavation for road work in all types of soil by machanical means including cutting and loading to tipper, trimming bottom and side slopes in accordance with requirements of lines, grades and cross section and trasportation with a lead of 1.00KM and complete as per specifications. Morth Specificatio No.301 | | | | | | | |
| | S.R. Item No. 19.14 Page 143 | | | | | | | |
| | Part 1 | | | | | | | |
| | | 1 | 8.61 | 2.73 | 0.30 | | 7.05 | |
| | | 1 | 9.30 | 3.54 | 0.30 | | 9.88 | |
| | Triangle Portion | 0.50 | 10.33 | 3.42 | 0.30 | | 5.30 | |
| | | 1 | 10.00 | 7.00 | 0.30 | | 21.00 | |
| | Triangle Portion | 0.50 | 10.00 | 4.26 | 0.30 | | 6.39 | |
| | | 1.0 | 31.80 | 11.00 | 0.30 | | 104.94 | |
| | Less Shop | -3 | 6.61 | 3.23 | 0.30 | | -19.22 | |
| | | -1 | 24.67 | 3.93 | 0.30 | | -29.09 | |
| | | 1 | 16.81 | 12.28 | 0.30 | | 61.93 | |
| | | 1 | 6.35 | 2.26 | 0.30 | | 4.31 | |
| | Less Shop | -1 | 6.61 | 3.23 | 0.30 | | -6.41 | |
| | Less plantry box | -1 | 10.00 | 1.31 | 0.30 | | -3.93 | |
| | | 1 | 6.22 | 17.73 | 0.30 | | 33.08 | |
| | | 1.0 | 69.18 | 16.15 | 0.30 | | 335.18 | |
| | Less Shop area | -1 | 21.26 | 3.23 | 0.30 | | -20.60 | |
| | | 1 | 5.22 | 4.62 | 0.30 | | 7.23 | |
| | | 0.5 | 2.87 | 2.87 | 0.30 | | 1.24 | |
| | | 1 | 28.00 | 4.17 | 0.30 | | 35.03 | |
| | | 1 | 12.60 | 4.32 | 0.30 | | 16.33 | |
| | | 1.0 | 96.36 | 9.07 | 0.30 | | 262.20 | |
| | Beside Two wheeler Parking | 1 | 11.46 | 1.00 | 0.30 | | 3.44 | |
| | Triangle Portion | 0.5 | 2.42 | 1.00 | 0.30 | | 0.36 | |
| | | 1 | 58.70 | 1.00 | 0.30 | | 17.61 | |
| | | 1 | 4.42 | 5.00 | 0.30 | | 6.63 | |
| | | 1 | 7.80 | 1.57 | 0.30 | | 3.67 | |
| | | 1 | 5.00 | 4.00 | 0.30 | | 6.00 | |
| | | 1 | 34.57 | 2.25 | 0.30 | | 23.33 | |
| | | 1 | 5.15 | 3.50 | 0.30 | | 5.41 | |
| | | 1 | 5.15 | 3.91 | 0.30 | | 6.04 | |
| | | 1 | 2.20 | 4.77 | 0.30 | | 3.15 | |
| | | | | | | | 907.48 | |
| | | | | | Say | <u>832.00</u> | <u>45.10</u> | 37523.00 |
| | Basic rate | | 41.00 | | | Cum | | |
| | Add 10% for Malnad area works | | 4.10 | | | | | |
| | Total | | <u>45.10</u> | | | /Cum | | |

2 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13

| | | | | | |
|-------------------------------|------|---------|-------|------|------------|
| | 1 | 8.61 | 2.73 | 0.10 | 2.35 |
| | 1 | 9.30 | 3.54 | 0.10 | 3.29 |
| Triangle Portion | 0.50 | 10.33 | 3.42 | 0.10 | 1.77 |
| | 1 | 10.00 | 7.00 | 0.10 | 7.00 |
| Triangle Portion | 0.50 | 10.00 | 4.26 | 0.10 | 2.13 |
| | 1 | 31.80 | 11.00 | 0.10 | 34.98 |
| Less Shop | -3 | 6.61 | 3.23 | 0.10 | -6.41 |
| | -1 | 24.67 | 3.93 | 0.10 | -9.70 |
| | 1 | 16.81 | 12.28 | 0.10 | 20.64 |
| | 1 | 6.35 | 2.26 | 0.10 | 1.44 |
| Less Shop | -1 | 6.61 | 3.23 | 0.10 | -2.14 |
| Less plantry box | -1 | 10.00 | 1.31 | 0.10 | -1.31 |
| | 1 | 6.22 | 17.73 | 0.10 | 11.03 |
| | 1 | 69.18 | 16.15 | 0.10 | 111.73 |
| Less Shop area | -1 | 21.26 | 3.23 | 0.10 | -6.87 |
| | 1 | 5.22 | 4.62 | 0.10 | 2.41 |
| | 0.5 | 2.87 | 2.87 | 0.10 | 0.41 |
| | 1 | 28.00 | 4.17 | 0.10 | 11.68 |
| | 1 | 12.60 | 4.32 | 0.10 | 5.44 |
| | 1 | 96.36 | 9.07 | 0.10 | 87.40 |
| Beside Two wheeler Parking | 1 | 11.46 | 1.00 | 0.10 | 1.15 |
| Triangle Portion | 0.5 | 2.42 | 1.00 | 0.10 | 0.12 |
| | 1 | 58.70 | 1.00 | 0.10 | 5.87 |
| | 1 | 4.42 | 5.00 | 0.10 | 2.21 |
| | 1 | 7.80 | 1.57 | 0.10 | 1.22 |
| | 1 | 5.00 | 4.00 | 0.10 | 2.00 |
| | 1 | 34.57 | 2.25 | 0.10 | 7.78 |
| | 1 | 5.15 | 3.50 | 0.10 | 1.80 |
| | 1 | 5.15 | 3.91 | 0.10 | 2.01 |
| | 1 | 2.20 | 4.77 | 0.10 | 1.05 |
| | | | | | 302.48 |
| | | | | Say | 303.00 |
| | | | | | 6175.40 |
| Basic rate | | 5614.00 | | | 1871146.20 |
| Add 10% for Malnad area works | | 561.40 | | | |
| Total | | 6175.40 | | | /Cum |

Sub total 1908669.20

Name of work: Construction of Pathway - West

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|--|-----|-------|-------|------|----------|------|--------|
| 1 | KSRRB M300-14: Excavation for road work in all types of soil by machanical means including cutting and loading to tipper, trimming bottom and side slopes in accordance with requirements of lines, grades and cross section and trasportation with a lead of 1.00KM and complete as per specifications. Morth Specificatio No.301 | | | | | | | |
| | S.R. Item No. 19.14 Page 143 | | | | | | | |
| | Bus Parking | 1 | 17.85 | 11.65 | 0.30 | | | 62.39 |
| | Part 1 | | | | | | | |
| | Rectangle portion | 1 | 15.76 | 10.30 | 0.30 | | | 48.70 |
| | Triangle portion | 0.5 | 15.76 | 2.10 | 0.30 | | | 4.96 |
| | Less shop area | -1 | 5.70 | 3.85 | 0.30 | | | -6.58 |
| | Less shop area | -1 | 3.85 | 3.50 | 0.30 | | | -4.04 |
| | Common area | 1 | 8.40 | 7.40 | 0.30 | | | 18.65 |
| | Part 2 | | | | | | | |
| | Shop area | 1 | 12.50 | 9.55 | 0.30 | | | 35.81 |
| | Triangle portion | 0.5 | 12.50 | 1.00 | 0.30 | | | 1.88 |
| | Less shop area | -1 | 8.66 | 3.83 | 0.30 | | | -9.95 |
| | Less Land scape area | -1 | 4.62 | 3.54 | 0.30 | | | -4.91 |
| | | -1 | 2.80 | 1.65 | 0.30 | | | -1.39 |
| | Part 3 | | | | | | | |
| | Rectangle portion | 1 | 7.50 | 4.90 | 0.30 | | | 11.03 |
| | | 1 | 12.50 | 3.80 | 0.30 | | | 14.25 |
| | | 1 | 13.00 | 12.50 | 0.30 | | | 48.75 |
| | | 1 | 8.62 | 1.70 | 0.30 | | | 4.40 |
| | Triangle portion | 0.5 | 8.62 | 1.16 | 0.30 | | | 1.50 |
| | | 1.0 | 8.07 | 1.63 | 0.30 | | | 3.95 |
| | Shop back side | 1 | 12.76 | 1.12 | 0.30 | | | 4.29 |
| | | 1 | 7.30 | 5.70 | 0.30 | | | 12.48 |
| | | 1 | 8.72 | 3.71 | 0.30 | | | 9.71 |
| | | 1 | 9.95 | 8.00 | 0.30 | | | 23.88 |
| | | 1 | 6.73 | 5.83 | 0.30 | | | 11.77 |
| | | 1 | 8.20 | 5.00 | 0.30 | | | 12.30 |
| | | 1 | 12.80 | 5.90 | 0.30 | | | 22.66 |
| | | 1 | 10.90 | 6.15 | 0.30 | | | 20.11 |
| | | 1 | 16.90 | 6.70 | 0.30 | | | 33.97 |
| | Triangle Portion | 1 | 7.39 | 4.31 | 0.30 | | | 9.56 |
| | At Akashwani Kendra area | | | | | | | |
| | | 1 | 15.00 | 5.22 | 0.30 | | | 23.49 |
| | | 1 | 10.42 | 6.52 | 0.30 | | | 20.38 |
| | | 1 | 20.58 | 1.45 | 0.30 | | | 8.95 |
| | | 1 | 6.46 | 5.83 | 0.30 | | | 11.30 |
| | Behind Four wheeler | 1 | 37.00 | 1.48 | 0.30 | | | 16.43 |
| | | 1 | 10.16 | 1.46 | 0.30 | | | 4.45 |

| | | | | | |
|------------------|-----|-------|------|------|-------|
| Triangle Portion | 0.5 | 4.30 | 4.30 | 0.30 | 2.77 |
| | 0.5 | 5.94 | 0.94 | 0.30 | 0.84 |
| | 1 | 5.85 | 3.40 | 0.30 | 5.97 |
| | 1 | 31.50 | 5.30 | 0.30 | 50.09 |
| | 1 | 19.20 | 2.80 | 0.30 | 16.13 |

550.93

Say

551.00

45.10

24850.00

| | |
|-------------------------------|-------------------|
| Basic rate | 41.00 |
| Add 10% for Malnad area works | <u>4.10</u> |
| Total | <u>45.10 /Cum</u> |

Cum

2 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of S.R. Item No. 4.2 Page 13

Bus Parking 1 17.85 11.65 0.10 20.80

Part 1

Rectangle portion 1 15.76 10.30 0.10 16.23
Triangle portion 0.5 15.76 2.10 0.10 1.65
Less shop area -1 5.70 3.85 0.10 -2.19
Less shop area -1 3.85 3.50 0.10 -1.35
Common area 1 8.40 7.40 0.10 6.22

Part 2

Shop area 1 12.50 9.55 0.10 11.94
Triangle portion 0.5 12.50 1.00 0.10 0.63
Less shop area -1 8.66 3.83 0.10 -3.32
Less Land scape area -1 4.62 3.54 0.10 -1.64
-1 2.80 1.65 0.10 -0.46

Part 3

Rectangle portion 1 7.50 4.90 0.10 3.68
1 12.50 3.80 0.10 4.75
1 13.00 12.50 0.10 16.25
1 8.62 1.70 0.10 1.47
Triangle portion 0.5 8.62 1.16 0.10 0.50
1.0 8.07 1.63 0.10 1.32
Shop back side 1 12.76 1.12 0.10 1.43

1 7.30 5.70 0.10 4.16
1 8.72 3.71 0.10 3.24
1 9.95 8.00 0.10 7.96
1 6.73 5.83 0.10 3.92
1 8.20 5.00 0.10 4.10
1 12.80 5.90 0.10 7.55
1 10.90 6.15 0.10 6.70
1 16.90 6.70 0.10 11.32
Triangle Portion 1 7.39 4.31 0.10 3.19

At Akashwani Kendra area

| | | | | | | |
|---------------------|-----|-------|------|------|-------|------|
| | 1 | 15.00 | 5.22 | 0.10 | 7.83 | |
| | 1 | 10.42 | 6.52 | 0.10 | 6.79 | 6.79 |
| | 1 | 20.58 | 1.45 | 0.10 | 2.98 | |
| | 1 | 6.46 | 5.83 | 0.10 | 3.77 | |
| Behind Four wheeler | 1 | 37.00 | 1.48 | 0.10 | 5.48 | |
| | 1 | 10.16 | 1.46 | 0.10 | 1.48 | |
| Triangle Portion | 0.5 | 4.30 | 4.30 | 0.10 | 0.92 | |
| | 0.5 | 5.94 | 0.94 | 0.10 | 0.28 | |
| | 1 | 5.85 | 3.40 | 0.10 | 1.99 | |
| | 1 | 31.50 | 5.30 | 0.10 | 16.70 | |
| | 1 | 19.20 | 2.80 | 0.10 | 5.38 | |

183.65

Say 184.00 6175.40 1136273.60

Basic rate 5614.00
 Add 10% for Malnad area works 561.40
 Total 6175.40 /Sqm

Sub total 11,61,130.39

Assistant Executive Engineer
 Mangaluru Smart City Limited
 Mangaluru

Assistant Executive Engineer
 Mangaluru Smart City Limited
 Mangaluru

Executive Engineer
 Mangaluru Smart City Limited
 Mangaluru

Pavement Tiles (as per quotation)

| SL.No | Item Description | Area | Rate | Amount |
|-------|---|---------|-----------------|------------------|
| 1 | Johnson Endura - Pavers series - 20 cm x 20 cm x 1 cm - yellow color - 4000 sq.ft | 371.61 | 763.96 | 283895.18 |
| 2 | Johnson Endura - Pavers series - 20 cm x 20 cm x 1 cm - grey color - 6000 sq.ft | 557.41 | 763.96 | 425838.94 |
| 3 | Johnson Endura - Tac button yellow plus - 30 cm x 30 cm x 1.5 cm - 2000 sq ft. | 185.8 | 1743.12 | 323871.7 |
| 4 | Johnson Endura - Tac linear yellow plus - 30 cm x 30 cm x 1.5 cm - 4000 sq ft. | 371.61 | 1743.12 | 647760.82 |
| 5 | Johnson Endura - Meteor series - Terracotta - 60 cm x 60 cm x 1.5 cm - 15,000 sq ft. | 836.12 | 1269.68 | 1061604.8 |
| 6 | Johnson Endura - Meteor series - Quartzite Ivory - 60 cm x 60 cm x 1.5 cm - 35,000 sq ft | 2322.57 | 1269.68 | 2948920.7 |
| 7 | Johnson Endura - Stepping stone - 30 x 120 cm - Donapaula stone | 60.94 | 1775.4 | 108192.88 |
| 8 | Johnson Endura - Stepping stone - riser and landing area tiles meteor - 60 x 120 cm - Donapaula Plain | 60.94 | 1775.4 | 108192.88 |
| | | | SUBTOTAL | 59,10,480 |



Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru



Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru



Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Name of work: Construction of Planter Box at Kadri Road

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|-------------------------------|---|----|---------------------|------|-------|---------------|----------------|-------------|
| 1 | KSRB 2-2: Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m including breaking of clods complete as per specifications. KSRB 2-2.1: in ordinary soil.No. KBS 2.1(a)/ 2.3.5 S.R. Item No. 2.3 Page 6 | | | | | | | |
| P8 | | 1 | 28.59 | 0.70 | 0.60 | 12.01 | | |
| | | 1 | 3.11 | 0.70 | 0.60 | 1.31 | | |
| | | 1 | 1.00 | 0.70 | 0.60 | 0.42 | | |
| | | 1 | 13.65 | 0.70 | 0.60 | 5.73 | | |
| | | 1 | 3.00 | 0.70 | 0.60 | 1.26 | | |
| | | 1 | 3.56 | 0.70 | 0.60 | 1.50 | | |
| P7 | | 1 | 8.24 | 0.70 | 0.60 | 3.46 | | |
| | | 1 | 23.37 | 0.70 | 0.60 | 9.82 | | |
| | | 3 | 15.44 | 0.70 | 0.60 | 19.45 | | |
| Along the road | | 1 | 87.00 | 1.85 | 0.80 | 128.76 | | |
| | | | | | | 183.72 | | |
| | | | | | Say | <u>184.00</u> | <u>328.90</u> | 60518.00 |
| Basic rate | | | 299.00 | | | Cum | | |
| Add 10% for Malnad area works | | | <u>29.90</u> | | | | | |
| Total | | | <u>328.90</u> /Cum | | | | | |
| | | | | | | Cum | | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 S.R. Item No. 4.2 Page 13 Planter Box 1 | | | | | | | |
| P8 | | 1 | 28.59 | 0.30 | 0.100 | 0.86 | | |
| | | 1 | 3.11 | 0.30 | 0.100 | 0.09 | | |
| | | 1 | 1.00 | 0.30 | 0.100 | 0.03 | | |
| | | 1 | 13.65 | 0.30 | 0.100 | 0.41 | | |
| | | 1 | 3.00 | 0.30 | 0.100 | 0.09 | | |
| | | 1 | 3.56 | 0.30 | 0.100 | 0.11 | | |
| P7 | | 1 | 8.24 | 0.30 | 0.100 | 0.25 | | |
| | | 1 | 23.37 | 0.30 | 0.100 | 0.70 | | |
| | | 3 | 15.44 | 0.30 | 0.100 | 1.39 | | |
| Along the road | | 1 | 87.00 | 1.45 | 0.100 | 12.62 | | |
| | | | | | | 16.55 | | |
| | | | | | Say | <u>17.00</u> | <u>6175.40</u> | 1,04,982.00 |
| Basic rate | | | 5614.00 | | | Cum | | |
| Add 10% for Malnad area works | | | <u>561.40</u> | | | | | |
| Total | | | <u>6175.40</u> /Cum | | | | | |
| | | | | | | Cum | | |

3 Providing & constructiong laterite size stone masonry including cost and conyence of all materials curing etc complete as per specifications IS 3620-1979 having compressive strength not less 3.5N/mm2 for saturated dry samples.42.5.3: For superstructure in CM 1:6(Cement 45kg/m3)

S.R. Item No. 37.64.1 Page 275

For Sub structure

Side of toilet area

| | | | | | |
|----------------|---|-------|------|-------|-------|
| P8 | 1 | 28.59 | 0.23 | 0.300 | 1.97 |
| | 1 | 3.11 | 0.23 | 0.300 | 0.21 |
| | 1 | 1.00 | 0.23 | 0.300 | 0.07 |
| | 1 | 13.65 | 0.23 | 0.300 | 0.94 |
| | 1 | 3.00 | 0.23 | 0.300 | 0.21 |
| | 1 | 3.56 | 0.23 | 0.300 | 0.25 |
| P7 | 1 | 8.24 | 0.23 | 0.300 | 0.57 |
| | 1 | 23.37 | 0.23 | 0.300 | 1.61 |
| | 3 | 15.44 | 0.23 | 0.300 | 3.20 |
| Along the road | 2 | 87.00 | 0.23 | 0.300 | 12.01 |

21.04

Say

21.00

3729.99

78330.00

Basic rate

3390.90

Cum

Add 10% for Malnad area works

339.09

Total

3729.99 /Cum

Cum

For Super structure

Architectural Laterite Masonry

| | | | | | |
|----------------|---|-------|------|-------|-------|
| P8 | 1 | 28.59 | 0.23 | 1.500 | 9.86 |
| | 1 | 3.11 | 0.23 | 1.050 | 0.75 |
| | 1 | 1.00 | 0.23 | 0.450 | 0.10 |
| | 1 | 13.65 | 0.23 | 1.050 | 3.30 |
| | 1 | 3.00 | 0.23 | 1.500 | 1.04 |
| | 1 | 3.56 | 0.23 | 1.500 | 1.23 |
| P7 | 1 | 8.24 | 0.23 | 1.050 | 1.99 |
| | 1 | 23.37 | 0.23 | 0.450 | 2.42 |
| | 3 | 15.44 | 0.23 | 1.500 | 15.98 |
| Along the road | 2 | 87.00 | 0.23 | 0.450 | 18.01 |

54.68

Say

55.00

3729.99

205149.00

Cum

Basic rate

3390.90

Add 10% for Malnad area works

339.09

Total

3729.99 /Cum

4 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

| | | | | | |
|----------------|---|-------|--|-------|--------|
| P8 | 2 | 28.59 | | 1.500 | 85.77 |
| | 2 | 3.11 | | 1.050 | 6.53 |
| | 2 | 1.00 | | 0.450 | 0.90 |
| | 2 | 13.65 | | 1.050 | 28.67 |
| | 2 | 3.00 | | 1.500 | 9.00 |
| | 2 | 3.56 | | 1.500 | 10.68 |
| P7 | 2 | 8.24 | | 1.050 | 17.30 |
| | 2 | 23.37 | | 0.450 | 21.03 |
| | 6 | 15.44 | | 1.500 | 138.96 |
| Along the road | 4 | 87.00 | | 0.450 | 156.60 |

| | | | | |
|--|-----|---------------|---------------|-----------|
| | Say | 475.44 | | |
| | | <u>476.00</u> | <u>300.30</u> | 142943.00 |
| | | Smt | | |

| | |
|-------------------------------|--------------------|
| Basic rate | 273.00 |
| Add 10% for Malnad area works | <u>27.30</u> |
| Total | <u>300.30 /Smt</u> |

5 KSRB15-4.6 Extra for providing and mixing waterproofing compound in cement plaster for birck masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications.
S.R. Item No. 15.19 Page 123 & S.R. Item No. 15.28 Page 123

| | | | | | | |
|-------------------------------|---|-------------------|------|-------|-------|---------|
| | 1 | 99.00 | 1.00 | 99.00 | 12.10 | 1197.90 |
| Basic rate | | 11.00 | | Cum | | |
| Add 10% for Malnad area works | | <u>1.10</u> | | | | |
| Total | | <u>12.10 /Cum</u> | | | | |

Sub Total 593119.90

Name of work: Construction of Planter Box at Kadri Road

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----|-------|------|------|----------|------|--------|
| 1 | KSRB 2-2: Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m including breaking of clods complete as per specifications. KSRB 2-2.1: in ordinary soil.No. KBS 2.1(a)/ 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3. Page 6 | | | | | | | |
| | Planter Box 1 | | | | | | | |
| | Side of toilet area | 1 | 4.25 | 0.70 | 0.60 | 1.79 | | |
| | | 1 | 4.58 | 0.70 | 0.60 | 1.92 | | |
| | | 1 | 8.30 | 0.70 | 0.60 | 3.49 | | |
| | | 1 | 0.75 | 0.70 | 0.60 | 0.32 | | |
| | | 1 | 9.13 | 0.70 | 0.60 | 3.83 | | |
| | | 1 | 1.05 | 0.70 | 0.60 | 0.44 | | |
| | | 1 | 10.47 | 0.70 | 0.60 | 4.40 | | |
| | | 2 | 0.75 | 0.70 | 0.60 | 0.63 | | |
| | | 1 | 6.15 | 0.70 | 0.60 | 2.58 | | |
| | | 1 | 0.75 | 0.70 | 0.60 | 0.32 | | |
| | | 1 | 1.10 | 0.70 | 0.60 | 0.46 | | |
| | | 1 | 3.70 | 0.70 | 0.60 | 1.55 | | |
| | | 1 | 4.43 | 0.70 | 0.60 | 1.86 | | |
| | | 1 | 5.10 | 0.70 | 0.60 | 2.14 | | |
| | Planter Box 2 | | | | | 0.00 | | |
| | | 1 | 5.70 | 0.70 | 0.60 | 2.39 | | |
| | | 1 | 1.27 | 0.70 | 0.60 | 0.53 | | |
| | | 1 | 9.25 | 0.70 | 0.60 | 3.89 | | |
| | | 1 | 1.23 | 0.70 | 0.60 | 0.52 | | |
| | | 1 | 10.11 | 0.70 | 0.60 | 4.25 | | |
| | | 1 | 0.81 | 0.70 | 0.60 | 0.34 | | |
| | | 1 | 1.47 | 0.70 | 0.60 | 0.62 | | |
| | | 1 | 5.82 | 0.70 | 0.60 | 2.44 | | |
| | | 1 | 1.20 | 0.70 | 0.60 | 0.50 | | |
| | | 1 | 0.86 | 0.70 | 0.60 | 0.36 | | |
| | | 1 | 5.44 | 0.70 | 0.60 | 2.28 | | |
| | | 1 | 1.10 | 0.70 | 0.60 | 0.46 | | |
| | | 1 | 1.41 | 0.70 | 0.60 | 0.59 | | |
| | Side of 4set Shops | | | | | | | |
| | Planter Box 3 | 1 | 4.68 | 0.70 | 0.60 | 1.97 | | |
| | | 1 | 4.95 | 0.70 | 0.60 | 2.08 | | |
| | | 1 | 2.54 | 0.70 | 0.60 | 1.07 | | |
| | Side of 5set Shops | | | | | | | |
| | Planter Box 4 | 4 | 2.10 | 0.70 | 0.60 | 3.53 | | |
| | | 4 | 2.20 | 0.70 | 0.60 | 3.70 | | |
| | At side of Bus stand | | | | | | | |
| | PB1 | 1 | 3.27 | 0.70 | 0.60 | 1.37 | | |
| | | 1 | 0.66 | 0.70 | 0.60 | 0.28 | | |
| | PB2 | 1 | 3.68 | 0.70 | 0.60 | 1.55 | | |
| | | 1 | 0.68 | 0.70 | 0.60 | 0.29 | | |
| | | 1 | 0.79 | 0.70 | 0.60 | 0.33 | | |
| | PB3 | | | | | | | |
| | | 1 | 2.20 | 0.70 | 0.60 | 0.92 | | |
| | | 1 | 2.37 | 0.70 | 0.60 | 1.00 | | |
| | | 1 | 2.70 | 0.70 | 0.60 | 1.13 | | |
| | Side of Two wheeler parking | 1 | 51.03 | 1.65 | 0.80 | 67.36 | | |

| | | | | | |
|--------------|---|-------|------|------|-------|
| Side of Road | 1 | 23.52 | 1.65 | 0.80 | 31.05 |
| | 1 | 32.72 | 1.65 | 0.80 | 43.19 |

| | | | | | | | |
|-------------------------------|--|--------------------|--|-----|---------------|---------------|----------|
| | | | | Say | 205.72 | | |
| | | | | | <u>206.00</u> | <u>328.90</u> | 67753.00 |
| Basic rate | | 299.00 | | | Cum | | |
| Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| Total | | <u>328.90</u> /Cum | | | Cum | | |

2 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2

S.R. Item No. 4.2 Page 13

Planter Box 1

| | | | | | |
|---------------------|---|-------|------|-------|------|
| Side of toilet area | 1 | 4.25 | 0.30 | 0.100 | 0.13 |
| | 1 | 4.58 | 0.30 | 0.100 | 0.14 |
| | 1 | 8.30 | 0.30 | 0.100 | 0.25 |
| | 1 | 0.75 | 0.30 | 0.100 | 0.02 |
| | 1 | 9.13 | 0.30 | 0.100 | 0.27 |
| | 1 | 1.05 | 0.30 | 0.100 | 0.03 |
| | 1 | 10.47 | 0.30 | 0.100 | 0.31 |
| | 2 | 0.75 | 0.30 | 0.100 | 0.05 |
| | 1 | 6.15 | 0.30 | 0.100 | 0.18 |
| | 1 | 0.75 | 0.30 | 0.100 | 0.02 |
| | 1 | 1.10 | 0.30 | 0.100 | 0.03 |
| | 1 | 3.70 | 0.30 | 0.100 | 0.11 |
| | 1 | 4.43 | 0.30 | 0.100 | 0.13 |
| | 1 | 5.10 | 0.30 | 0.100 | 0.15 |

Planter Box 2

| | | | | | |
|--|---|-------|------|-------|------|
| | 1 | 5.70 | 0.30 | 0.100 | 0.17 |
| | 1 | 1.27 | 0.30 | 0.100 | 0.04 |
| | 1 | 9.25 | 0.30 | 0.100 | 0.28 |
| | 1 | 1.23 | 0.30 | 0.100 | 0.04 |
| | 1 | 10.11 | 0.30 | 0.100 | 0.30 |
| | 1 | 0.81 | 0.30 | 0.100 | 0.02 |
| | 1 | 1.47 | 0.30 | 0.100 | 0.04 |
| | 1 | 5.82 | 0.30 | 0.100 | 0.17 |
| | 1 | 1.20 | 0.30 | 0.100 | 0.04 |
| | 1 | 0.86 | 0.30 | 0.100 | 0.03 |
| | 1 | 5.44 | 0.30 | 0.100 | 0.16 |
| | 1 | 1.10 | 0.30 | 0.100 | 0.03 |
| | 1 | 1.41 | 0.30 | 0.100 | 0.04 |

Side of 4set Shops

| | | | | | |
|---------------|---|------|------|------|------|
| Planter Box 3 | 1 | 4.68 | 0.30 | 0.10 | 0.14 |
| | 1 | 4.95 | 0.30 | 0.10 | 0.15 |
| | 1 | 2.54 | 0.30 | 0.10 | 0.08 |

Side of 5set Shops

| | | | | | |
|---------------|---|------|------|------|------|
| Planter Box 4 | 4 | 2.10 | 0.30 | 0.10 | 0.25 |
| | 4 | 2.20 | 0.30 | 0.10 | 0.26 |

At side of Bus stand

| | | | | | |
|-----|---|------|------|------|------|
| PB1 | 1 | 3.27 | 0.30 | 0.10 | 0.10 |
| | 1 | 0.66 | 0.30 | 0.10 | 0.02 |
| PB2 | 1 | 3.68 | 0.30 | 0.10 | 0.11 |
| | 1 | 0.68 | 0.30 | 0.10 | 0.02 |
| | 1 | 0.79 | 0.30 | 0.10 | 0.02 |

| | | | | | |
|-----------------------------|---|-------|------|------|------|
| PB3 | 1 | 2.20 | 0.30 | 0.10 | 0.07 |
| | 1 | 2.37 | 0.30 | 0.10 | 0.07 |
| | 1 | 2.70 | 0.30 | 0.10 | 0.08 |
| Side of Two wheeler parking | 1 | 51.03 | 1.25 | 0.10 | 6.38 |
| Side of Road | 1 | 23.52 | 1.25 | 0.10 | 2.94 |
| | 1 | 32.72 | 1.25 | 0.10 | 4.09 |

17.96

Say

18.00

6175.40

1,11,157.00

Basic rate

5614.00

Cum

Add 10% for Malnad area works

561.40

Total

6175.40 /Cum

Cum

Providing & constructiong laterite size stone masonry including cost and conyence of all materials curing etc complete as per specifications IS 3620-1979 having compressive strength not less 3.5N/mm2 for saturated dry samples.42.5.3: For superstructure in CM 1:6(Cement 45kg/m3)

3

S.R. Item No. 37.64.1 Page 275

For Sub structure

Side of toilet area

| | | | | | |
|----------------------|---|-------|------|-------|------|
| PB1 | 1 | 4.25 | 0.23 | 0.300 | 0.29 |
| | 1 | 4.58 | 0.23 | 0.300 | 0.32 |
| PB2 | 1 | 8.30 | 0.23 | 0.300 | 0.57 |
| | 1 | 0.75 | 0.23 | 0.300 | 0.05 |
| PB5 | 1 | 9.13 | 0.23 | 0.300 | 0.63 |
| | 1 | 1.05 | 0.23 | 0.300 | 0.07 |
| PB4 | 1 | 10.47 | 0.23 | 0.300 | 0.72 |
| | 2 | 0.75 | 0.23 | 0.300 | 0.10 |
| | 1 | 6.15 | 0.23 | 0.300 | 0.42 |
| PB3 | 1 | 0.75 | 0.23 | 0.300 | 0.05 |
| | 1 | 1.10 | 0.23 | 0.300 | 0.08 |
| | 1 | 3.70 | 0.23 | 0.300 | 0.26 |
| PB6 | 1 | 4.43 | 0.23 | 0.300 | 0.31 |
| | 1 | 5.10 | 0.23 | 0.300 | 0.35 |
| Planter Box 2 | | | | | |
| PB7 | 1 | 5.70 | 0.23 | 0.300 | 0.39 |
| | 1 | 1.27 | 0.23 | 0.300 | 0.09 |
| PB8 | 1 | 9.25 | 0.23 | 0.300 | 0.64 |
| | 1 | 1.23 | 0.23 | 0.300 | 0.08 |
| | 1 | 10.11 | 0.23 | 0.300 | 0.70 |
| PB9 | 1 | 0.81 | 0.23 | 0.300 | 0.06 |
| | 1 | 1.47 | 0.23 | 0.300 | 0.10 |
| | 1 | 5.82 | 0.23 | 0.300 | 0.40 |
| PB10 | 1 | 1.20 | 0.23 | 0.300 | 0.08 |
| | 1 | 0.86 | 0.23 | 0.300 | 0.06 |
| | 1 | 5.44 | 0.23 | 0.300 | 0.38 |
| PB11 | 1 | 1.10 | 0.23 | 0.300 | 0.08 |
| | 1 | 1.41 | 0.23 | 0.300 | 0.10 |
| Side of 4set Shops | | | | | |
| | 1 | 4.68 | 0.23 | 0.30 | 0.32 |
| PB12 | 1 | 4.95 | 0.23 | 0.30 | 0.34 |
| | 1 | 2.54 | 0.23 | 0.30 | 0.18 |
| Side of 5set Shops | | | | | |
| PB13 | 4 | 2.10 | 0.23 | 0.30 | 0.58 |
| | 4 | 2.20 | 0.23 | 0.30 | 0.61 |
| At side of Bus stand | | | | | |
| PB14 | 1 | 3.27 | 0.23 | 0.30 | 0.23 |
| | 1 | 0.66 | 0.23 | 0.30 | 0.05 |
| | 1 | 3.68 | 0.23 | 0.30 | 0.25 |

| | | | | | | | |
|-------------------------------|---|---------------------|------|------|--------------|----------------|----------|
| PB15 | 1 | 0.68 | 0.23 | 0.30 | 0.05 | | |
| | 1 | 0.79 | 0.23 | 0.30 | 0.05 | | |
| | 1 | 2.20 | 0.23 | 0.30 | 0.15 | | |
| PB16 | 1 | 2.37 | 0.23 | 0.30 | 0.16 | | |
| | 1 | 2.70 | 0.23 | 0.30 | 0.19 | | |
| Side of Two wheeler parking | 2 | 51.03 | 0.23 | 0.30 | 7.04 | | |
| Side of Road | 2 | 23.52 | 0.23 | 0.30 | 3.25 | | |
| | 2 | 32.72 | 0.23 | 0.30 | 4.52 | | |
| | | | | | 25.35 | | |
| | | | | Say | <u>26.00</u> | <u>3729.99</u> | 96980.00 |
| Basic rate | | 3390.90 | | | Cum | | |
| Add 10% for Malnad area works | | <u>339.09</u> | | | | | |
| Total | | <u>3729.99</u> /Cum | | | | | |

For Super structure
Architectural Laterite Masonry

| | | | | | | | |
|--|---|---------------------|------|-------|--------------|----------------|-----------|
| PB1 | 1 | 4.25 | 0.23 | 0.550 | 0.54 | | |
| | 1 | 4.58 | 0.23 | 0.550 | 0.58 | | |
| | 1 | 8.62 | 0.23 | 1.000 | 1.98 | | |
| PB4 | 1 | 1.05 | 0.23 | 0.300 | 0.07 | | |
| | 1 | 0.95 | 0.23 | 0.300 | 0.07 | | |
| | 2 | 0.75 | 0.23 | 0.300 | 0.10 | | |
| | 1 | 4.43 | 0.23 | 0.750 | 0.76 | | |
| PB6 | 1 | 3.69 | 0.23 | 0.750 | 0.64 | | |
| | 1 | 5.09 | 0.23 | 0.750 | 0.88 | | |
| Normal Laterite stone masonry(Granite Elevation) | | | | | | | |
| PB2 | 1 | 8.29 | 0.23 | 0.750 | 1.43 | | |
| | 1 | 0.75 | 0.23 | 0.750 | 0.13 | | |
| | 1 | 6.18 | 0.23 | 0.750 | 1.07 | | |
| PB3 | 1 | 0.73 | 0.23 | 0.750 | 0.13 | | |
| | 1 | 1.10 | 0.23 | 0.750 | 0.19 | | |
| PB5 | 1 | 9.32 | 0.23 | 0.300 | 0.64 | | |
| | 1 | 1.04 | 0.23 | 0.300 | 0.07 | | |
| Normal Laterite Stone Masonry | | | | | | | |
| | 1 | 1.05 | 0.23 | 0.700 | 0.17 | | |
| PB4 | 1 | 0.95 | 0.23 | 0.700 | 0.15 | | |
| | 2 | 0.75 | 0.23 | 0.700 | 0.24 | | |
| | 1 | 9.32 | 0.23 | 1.000 | 2.14 | | |
| PB5 | 1 | 1.04 | 0.23 | 1.000 | 0.24 | | |
| Side of 4set Shops | | | | | | | |
| | 1 | 4.68 | 0.23 | 1.000 | 1.08 | | |
| PB12 | 1 | 4.95 | 0.23 | 1.000 | 1.14 | | |
| | 1 | 2.54 | 0.23 | 1.000 | 0.58 | | |
| Side of 5set Shops | | | | | | | |
| PB13 | 4 | 2.10 | 0.23 | 1.000 | 1.93 | | |
| | 4 | 2.20 | 0.23 | 1.000 | 2.02 | | |
| Side of Two wheeler parking | 2 | 51.03 | 0.23 | 0.450 | 10.56 | | |
| Side of Road | 2 | 23.52 | 0.23 | 0.450 | 4.87 | | |
| | 2 | 32.72 | 0.23 | 0.450 | 6.77 | | |
| | | | | | 41.17 | | |
| | | | | Say | <u>42.00</u> | <u>3729.99</u> | 156660.00 |
| Basic rate | | 3390.90 | | | Cum | | |
| Add 10% for Malnad area works | | <u>339.09</u> | | | | | |
| Total | | <u>3729.99</u> /Cum | | | | | |

For Super structure
Architectural Laterite Masonry

| | | | | | |
|------|---|------|------|------|------|
| | 1 | 5.83 | 0.23 | 0.60 | 0.80 |
| PB10 | 1 | 0.86 | 0.23 | 0.60 | 0.12 |
| | 1 | 1.20 | 0.23 | 0.60 | 0.17 |
| | 1 | 5.69 | 0.23 | 0.60 | 0.79 |
| PB7 | 1 | 1.28 | 0.23 | 0.60 | 0.18 |

Normal Laterite stone masonry(Granite Elevation)

| | | | | | |
|------|---|-------|------|------|------|
| | 1 | 5.44 | 0.23 | 0.75 | 0.94 |
| PB11 | 1 | 1.41 | 0.23 | 0.75 | 0.24 |
| | 1 | 1.10 | 0.23 | 0.75 | 0.19 |
| | 1 | 10.11 | 0.23 | 0.75 | 1.74 |
| PB9 | 1 | 0.82 | 0.23 | 0.75 | 0.14 |
| | 1 | 1.48 | 0.23 | 0.75 | 0.25 |
| | 1 | 9.25 | 0.23 | 0.75 | 1.60 |
| PB5 | 1 | 1.24 | 0.23 | 0.75 | 0.21 |

At side of Bus stand

| | | | | | |
|------|---|------|------|------|------|
| | 1 | 3.27 | 0.23 | 0.45 | 0.34 |
| PB14 | 1 | 0.66 | 0.23 | 0.45 | 0.07 |
| | 1 | 3.68 | 0.23 | 0.60 | 0.51 |
| | 1 | 0.68 | 0.23 | 0.60 | 0.09 |
| PB15 | 1 | 0.79 | 0.23 | 0.60 | 0.11 |
| | 1 | 2.20 | 0.23 | 0.90 | 0.46 |
| | 1 | 2.37 | 0.23 | 0.90 | 0.49 |
| PB16 | 1 | 2.70 | 0.23 | 0.90 | 0.56 |

10.00

Say

10.00

3729.99

37300.00

Cum

Basic rate 3390.90

Add 10% for Malnad area works 339.09

Total 3729.99 /Cum

5 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

Normal Laterite stone masonry(Granite Elevation)

| | | | | | |
|-----|---|------|--|-------|-------|
| | 2 | 8.29 | | 0.750 | 12.44 |
| PB2 | 2 | 0.75 | | 0.750 | 1.13 |
| | 2 | 6.18 | | 0.750 | 9.28 |
| PB3 | 2 | 0.73 | | 0.750 | 1.10 |
| | 2 | 1.10 | | 0.750 | 1.65 |
| | 2 | 9.32 | | 0.300 | 5.59 |
| PB5 | 2 | 1.04 | | 0.300 | 0.62 |

Normal Laterite Stone Masonry

| | | | | | |
|-----|---|------|--|-------|------|
| | 2 | 1.05 | | 0.700 | 1.47 |
| PB4 | 2 | 0.95 | | 0.700 | 1.33 |
| | 4 | 0.75 | | 0.700 | 2.10 |

| | | | | | |
|-----|---|------|--|-------|-------|
| | 2 | 9.32 | | 1.000 | 18.64 |
| PB5 | 2 | 1.04 | | 1.000 | 2.08 |

Side of 4set Shops

| | | | | | |
|------|---|------|--|-------|------|
| | 2 | 4.68 | | 1.000 | 9.36 |
| PB12 | 2 | 4.95 | | 1.000 | 9.90 |
| | 2 | 2.54 | | 1.000 | 5.08 |

Side of 5set Shops

| | | | | | |
|------|---|-------|--|-------|-------|
| | 8 | 2.10 | | 1.000 | 16.80 |
| PB13 | 8 | 2.20 | | 1.000 | 17.60 |
| | 4 | 51.03 | | 0.450 | 91.85 |

Side of Two wheeler parking

| | | | | |
|--------------------------------|---|-------|-------|-------|
| Side of Road | 4 | 23.52 | 0.450 | 42.34 |
| | 4 | 32.72 | 0.450 | 58.90 |
| For Super structure | | | | |
| Architectural Laterite Masonry | 2 | 5.83 | 0.60 | 6.99 |
| PB10 | 2 | 0.86 | 0.60 | 1.03 |
| | 2 | 1.20 | 0.60 | 1.44 |
| PB7 | 2 | 5.69 | 0.60 | 6.83 |
| | 2 | 1.28 | 0.60 | 1.53 |

Normal Laterite stone masonry(Granite Elevation)

| | | | | |
|------|---|-------|------|-------|
| | 2 | 5.44 | 0.75 | 8.16 |
| PB11 | 2 | 1.41 | 0.75 | 2.12 |
| | 2 | 1.10 | 0.75 | 1.65 |
| PB9 | 2 | 10.11 | 0.75 | 15.17 |
| | 2 | 0.82 | 0.75 | 1.22 |
| | 2 | 1.48 | 0.75 | 2.22 |
| PB5 | 2 | 9.25 | 0.75 | 13.88 |
| | 2 | 1.24 | 0.75 | 1.85 |

At side of Bus stand

| | | | | |
|------|---|------|------|------|
| PB14 | 2 | 3.27 | 0.45 | 2.94 |
| | 2 | 0.66 | 0.45 | 0.59 |
| | 2 | 3.68 | 0.60 | 4.42 |
| PB15 | 2 | 0.68 | 0.60 | 0.82 |
| | 2 | 0.79 | 0.60 | 0.95 |
| | 2 | 2.20 | 0.90 | 3.96 |
| PB16 | 2 | 2.37 | 0.90 | 4.27 |
| | 2 | 2.70 | 0.90 | 4.86 |

Say 396.16 300.30 119219.10
397.00

Basic rate 273.00
Add 10% for Malnad area works 27.30
Total 300.30 /Sqm

6 KSRB15-4.6 Extra for providing and mixing waterproofing compound in cement plaster for birck masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications.

S.R. Item No. 15.19 Page 123 & S.R. Item No. 15.28 Page 123

| | | | | | | |
|--|---|--------|------|--------|-------|---------|
| | 1 | 150.00 | 1.00 | 150.00 | | |
| | | | | 150.00 | 12.10 | 1815.00 |

Basic rate 11.00
Add 10% for Malnad area works 1.10
Total 12.10 Sqm

7 Providing and fixing 20mm thick gang saw cut Lacquered granite for cladding in CM 1:4 propotion with a coat of rough plastering using CM1:4 cut to required shape, pattern with paper joints,finished with cement mortar using white cement and color pigments to match the color of slab making through jointing with sealant,grooves in joints including cost of curing etd.complete including cost and conveyance of all materials,mortar,labor for all items of work, HOM etc.,complete as per specification.

S.R. Item No. 14.60 Page 111

| | | | | |
|-----|---|------|-------|------|
| PB2 | 1 | 8.29 | 0.750 | 6.22 |
| | 1 | 0.75 | 0.750 | 0.56 |
| | 1 | 6.18 | 0.750 | 4.64 |

| | | | | | | |
|-------------------------------|---|---------------------|-------|-------|--------------|-------------|
| PB3 | 1 | 0.73 | 0.750 | 0.55 | | |
| | 1 | 1.10 | 0.750 | 0.83 | | |
| PB5 | 1 | 9.32 | 0.300 | 2.80 | | |
| | 1 | 1.04 | 0.300 | 0.31 | | |
| | 1 | 5.44 | 0.750 | 4.08 | | |
| PB11 | 1 | 1.41 | 0.750 | 1.06 | | |
| | 1 | 1.10 | 0.750 | 0.83 | | |
| | 1 | 10.11 | 0.750 | 7.58 | | |
| PB9 | 1 | 0.82 | 0.750 | 0.61 | | |
| | 1 | 1.48 | 0.750 | 1.11 | | |
| PB5 | 1 | 9.25 | 0.750 | 6.94 | | |
| | 1 | 1.24 | 0.750 | 0.93 | | |
| At side of Bus stand | | | | | | |
| PB14 | 1 | 3.27 | 0.450 | 1.47 | | |
| | 1 | 0.66 | 0.450 | 0.30 | | |
| | 1 | 3.68 | 0.600 | 2.21 | | |
| PB15 | 1 | 0.68 | 0.600 | 0.41 | | |
| | 1 | 0.79 | 0.600 | 0.47 | | |
| | 1 | 2.20 | 0.900 | 1.98 | | |
| PB16 | 1 | 2.37 | 0.900 | 2.13 | | |
| | 1 | 2.70 | 0.900 | 2.43 | | |
| | | | | 50.45 | | |
| | | | | Say | <u>51.00</u> | 3820.30 |
| | | | | | Smt | 1,94,835.30 |
| Basic rate | | 3473.00 | | | | |
| Add 10% for Malnad area works | | <u>347.30</u> | | | | |
| Total | | <u>3820.30</u> /Cum | | | | |

Sub Total 7,85,719.40

Name of work: Construction of Planter Box at Kadri Road

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----|---------------|------|-------|---------------|---------------|----------|
| 1 | KSRB 2-2: Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m including breaking of clods complete as per specifications. KSRB 2-2.1: in ordinary soil.No. KBS 2.1(a)/ 2.3.5 S.R. Item No. 2.3 Page 6 | 1 | 8.70 | 0.70 | 0.60 | 3.65 | | |
| | | 1 | 6.00 | 0.70 | 0.60 | 2.52 | | |
| | | 1 | 14.95 | 0.70 | 0.60 | 6.28 | | |
| | | 1 | 10.11 | 0.70 | 0.60 | 4.25 | | |
| | | 1 | 6.07 | 0.70 | 0.60 | 2.55 | | |
| | | 1 | 15.55 | 0.70 | 0.60 | 6.53 | | |
| | | 1 | 9.10 | 0.70 | 0.60 | 3.82 | | |
| | | 1 | 10.42 | 0.70 | 0.60 | 4.38 | | |
| | | 1 | 12.39 | 0.70 | 0.60 | 5.20 | | |
| | | 1 | 14.95 | 0.70 | 0.60 | 6.28 | | |
| | | 1 | 9.79 | 0.70 | 0.60 | 4.11 | | |
| | | 1 | 9.00 | 0.70 | 0.60 | 3.78 | | |
| | | 1 | 8.49 | 0.70 | 0.60 | 3.57 | | |
| | | 1 | 4.05 | 0.70 | 0.60 | 1.70 | | |
| | | 1 | 8.79 | 0.70 | 0.60 | 3.69 | | |
| | | 4 | 3.60 | 4.10 | 0.60 | 35.42 | | |
| | Flag pole | 5 | 7.07 | | 0.60 | 21.21 | | |
| | | 2 | 4.91 | | 0.60 | 5.89 | | |
| | Fountain - 4nos | 4 | 6.28 | | 0.60 | 15.07 | | |
| | | 4 | 10.37 | | 0.60 | 24.89 | | |
| | | 4 | 14.30 | | 0.60 | 34.32 | | |
| | | | | | | 199.11 | | |
| | | | | | Say | <u>199.11</u> | <u>328.90</u> | 65487.00 |
| | Basic rate | | 299.00 | | | Cum | | |
| | Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| | Total | | <u>328.90</u> | | | /Cum | | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggragates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 S.R. Item No. 4.2 Page 13 Planter Box 1 | 1 | 8.70 | 0.30 | 0.100 | 0.26 | | |
| | | 1 | 6.00 | 0.30 | 0.100 | 0.18 | | |
| | | 1 | 14.95 | 0.30 | 0.100 | 0.45 | | |
| | | 1 | 10.11 | 0.30 | 0.100 | 0.30 | | |
| | | 1 | 6.07 | 0.30 | 0.100 | 0.18 | | |
| | | 1 | 15.55 | 0.30 | 0.100 | 0.47 | | |
| | | 1 | 9.10 | 0.30 | 0.100 | 0.27 | | |
| | | 1 | 10.42 | 0.30 | 0.100 | 0.31 | | |
| | | 1 | 12.39 | 0.30 | 0.100 | 0.37 | | |

| | | | | | | | |
|-------------------------------|---|---------------------|------|-------|--------------|----------------|-----------|
| | 1 | 14.95 | 0.30 | 0.100 | 0.45 | | |
| | 1 | 9.79 | 0.30 | 0.100 | 0.29 | | |
| | 1 | 9.00 | 0.30 | 0.100 | 0.27 | | |
| | 1 | 8.49 | 0.30 | 0.100 | 0.25 | | |
| | 1 | 4.05 | 0.30 | 0.100 | 0.12 | | |
| | 1 | 8.79 | 0.30 | 0.100 | 0.26 | | |
| | 4 | 3.20 | 3.70 | 0.10 | 4.74 | | |
| Flag pole | 5 | 7.07 | | 0.10 | 3.54 | | |
| | 2 | 4.91 | | 0.10 | 0.98 | | |
| Fountain - 4nos | 4 | 6.28 | | 0.10 | 2.51 | | |
| | 4 | 10.37 | | 0.10 | 4.15 | | |
| | 4 | 14.30 | | 0.10 | 5.72 | | |
| | | | | | 26.07 | | |
| | | | | Say | <u>26.00</u> | <u>6175.40</u> | 160560.00 |
| Basic rate | | 5614.00 | | | Cum | | |
| Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| Total | | <u>6175.40</u> /Cum | | | | | |

3 Providing & constructing laterite size stone masonry including cost and conveyance of all materials curing etc complete as per specifications IS 3620-1979 having compressive strength not less 3.5N/mm² for saturated dry samples.42.5.3: For superstructure in CM 1:6(Cement 45kg/m³)

S.R. Item No. 37.64.1 Page 275

For Sub structure

Side of toilet area

| | | | | | | | |
|-----------------|---|-------|------|-------|-------|--|--|
| P8 | 1 | 8.70 | 0.23 | 0.500 | 1.00 | | |
| | 1 | 6.00 | 0.23 | 0.500 | 0.69 | | |
| | 1 | 14.95 | 0.23 | 0.500 | 1.72 | | |
| | 1 | 10.11 | 0.23 | 0.500 | 1.16 | | |
| | 1 | 6.07 | 0.23 | 0.500 | 0.70 | | |
| | 1 | 15.55 | 0.23 | 0.500 | 1.79 | | |
| P7 | 1 | 9.10 | 0.23 | 0.500 | 1.05 | | |
| | 1 | 10.42 | 0.23 | 0.500 | 1.20 | | |
| | 1 | 12.39 | 0.23 | 0.500 | 1.42 | | |
| | 1 | 14.95 | 0.23 | 0.500 | 1.72 | | |
| | 1 | 9.79 | 0.23 | 0.500 | 1.13 | | |
| | 1 | 9.00 | 0.23 | 0.500 | 1.04 | | |
| | 1 | 8.49 | 0.23 | 0.500 | 0.98 | | |
| | 1 | 4.05 | 0.23 | 0.500 | 0.47 | | |
| | 1 | 8.79 | 0.23 | 0.500 | 1.01 | | |
| | 8 | 3.00 | 0.23 | 1.000 | 5.52 | | |
| | 8 | 3.96 | 0.23 | 1.000 | 7.29 | | |
| | 5 | 37.71 | 0.23 | 1.000 | 43.37 | | |
| | 2 | 31.42 | 0.23 | 1.000 | 14.45 | | |
| Fountain - 4nos | 4 | 6.28 | 0.45 | 0.500 | 5.65 | | |
| | 4 | 10.37 | 0.45 | 0.500 | 9.33 | | |
| | 4 | 14.45 | 0.45 | 0.500 | 13.01 | | |
| Super structure | | | | | | | |
| Fountain - 4nos | 4 | 6.28 | 0.30 | 1.000 | 7.54 | | |
| | 4 | 14.45 | 0.94 | 1.000 | 54.33 | | |

| | | | | | | | |
|--|--|--|--|-----|---------------|----------------|-----------|
| | | | | | 177.57 | | |
| | | | | Say | <u>178.00</u> | <u>3729.99</u> | 663938.00 |
| | | | | | Cum | | |

| | | | | | | | |
|-------------------------------|--|---------------------|--|--|--|--|--|
| Basic rate | | 3390.90 | | | | | |
| Add 10% for Malnad area works | | <u>339.09</u> | | | | | |
| Total | | <u>3729.99</u> /Cum | | | | | |

4 KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.

| | | | | | | | |
|-----------------|---|-------|------|-------|--------|--------|----------|
| Fountain - 4nos | 4 | 6.28 | 0.30 | 2.600 | 19.59 | | |
| | 4 | 14.45 | 0.94 | 2.300 | 124.96 | | |
| | | | | | 144.55 | | |
| | | | | Say | 145.00 | 300.30 | 43544.00 |

| | |
|-------------------------------|--------------------|
| Basic rate | 273.00 |
| Add 10% for Malnad area works | <u>27.30</u> |
| Total | <u>300.30 /Smt</u> |

5 KSRB15-4.6 Extra for providing and mixing waterproofing compound in cement plaster for birck masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications.

S.R. Item No. 15.19 Page 123 & S.R. Item No. 15.28 Page 123

| | | | | | | | |
|--|---|--------|--|------|--------|-------|---------|
| | 1 | 150.00 | | 1.00 | 150.00 | 12.10 | 1815.00 |
|--|---|--------|--|------|--------|-------|---------|

| | |
|-------------------------------|-------------------|
| Basic rate | 11.00 |
| Add 10% for Malnad area works | <u>1.10</u> |
| Total | <u>12.10 /Smt</u> |

6 KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.

specification. No. KBS 2.9
S.R. Item No. 2.10 Page 7

| | | | | | |
|-----------------|---|--------|-------|------|---------|
| | 1 | 96.17 | 24.67 | 0.30 | 711.75 |
| | 1 | 117.67 | 26.59 | 0.30 | 938.65 |
| Fountain - 4nos | 1 | 14.45 | 0.75 | 0.75 | 8.13 |
| | 1 | 96.15 | 25.92 | 0.60 | 1495.32 |
| | 1 | 24.88 | 22.57 | 0.60 | 336.92 |
| | 1 | 92.74 | 27.74 | 0.60 | 1543.56 |

| | |
|-----|----------------|
| | 5034.33 |
| Say | <u>5035.00</u> |
| | <u>221.10</u> |
| | 1113239.00 |

| | | |
|-------------------------------|--------------------|-----|
| Basic rate | 201.00 | Cum |
| Add 10% for Malnad area works | <u>20.10</u> | |
| Total | <u>221.10 /Cum</u> | |

Stamped concrete, Cooling of Concrete, Placing, Vibration & curing of concrete

| | | | | |
|-----------|---|--------|-------|---------|
| M30 Grade | 1 | 96.17 | 24.67 | 2372.51 |
| | 1 | 117.67 | 26.59 | 3128.85 |
| | | | | 5501.36 |

| | | | |
|-----|----------------|----------------|------------|
| Say | <u>5502.00</u> | <u>1657.04</u> | 9117034.00 |
|-----|----------------|----------------|------------|

| | | |
|------------|---------|-----|
| Basic rate | 1506.40 | Smt |
|------------|---------|-----|

Add 10% for Malnad area works 150.64

Total 1657.04 /Smt

7 Providing and fixing 20mm thick gang saw cut Lacquered granite for cladding in CM 1:4 proportion with a coat of rough plastering using CM1:4 cut to required shape, pattern with paper joints, finished with cement mortar using white cement and color pigments to match the color of slab making through jointing with sealant, grooves in joints including cost of curing etc. complete including cost and conveyance of all materials, mortar, labor for all items of work, HOM etc., complete as per specification.


S.R. Item No. 14.60 Page 111

| | | | | | | |
|-------------------------------|---|---------------------|-------|--------------|---------|-----------|
| Fountain - 4nos | 4 | 14.45 | 1.415 | 81.79 | | |
| | | | Say | <u>82.00</u> | 3820.30 | 313264.60 |
| | | | | Smt | | |
| Basic rate | | 3473.00 | | | | |
| Add 10% for Malnad area works | | <u>347.30</u> | | | | |
| Total | | <u>3820.30</u> /Cum | | | | |

Sub Total 1,14,78,881.60


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru


Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Name of work: Construction of Pillar/Pergola

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----------------|------|------|------|----------|---------------|----------------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3 Page 6 | | | | | | | |
| | 3X3 truss pillar | 44 | 1.20 | 1.20 | 0.80 | | 50.69 | |
| | 7X3 truss pillar | 18 | 1.20 | 1.20 | 0.80 | | 20.74 | |
| | 14X6 truss pillar | 8 | 1.20 | 1.20 | 0.80 | | 9.22 | |
| | 26X5.5 truss pillar | 18 | 1.20 | 1.20 | 0.80 | | 20.74 | |
| | 7.5X5.5 truss pillar | 6 | 1.20 | 1.20 | 0.80 | | 6.91 | |
| | 14.5X6.5 truss pillar | 8 | 1.20 | 1.20 | 0.80 | | 9.22 | |
| | | 6 | 1.50 | 1.50 | 0.80 | | 10.80 | |
| | Pargola | 12 | 1.70 | 1.70 | 0.80 | | 27.74 | |
| | Pargola 4X2 | 6 | 5.00 | 3.00 | 0.80 | | 72.00 | |
| | Wooden Pillars Base | 8 | 1.20 | 1.05 | 0.80 | | 8.06 | |
| | Entrance Pillar - 2 Nos | 12 | 0.90 | 0.90 | 0.80 | | 7.78 | |
| | | | | | | | <u>243.90</u> | |
| | | | | | Say | | <u>244.00</u> | Cum |
| a) | <u>In Ordinary Soil 90%</u> | | | | | | | |
| | S.R. Item No. 2.4 Page 5 | 244.00 | X | 1.00 | | | <u>244.00</u> | <u>328.90</u> |
| | | | | | | | <u>Cum</u> | 80252.00 |
| | Basic rate | 299.00 | | | | | | |
| | Add 10% for Malnad area works | <u>29.90</u> | | | | | | |
| | Total | <u>328.90</u> | | | | | | /Cum |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | 3X3 truss pillar | 44 | 1.10 | 1.10 | 0.10 | | 5.32 | |
| | 7X3 truss pillar | 18 | 1.10 | 1.10 | 0.10 | | 2.18 | |
| | 14X6 truss pillar | 8 | 1.10 | 1.10 | 0.10 | | 0.97 | |
| | 26X5.5 truss pillar | 18 | 1.10 | 1.10 | 0.10 | | 2.18 | |
| | 7.5X5.5 truss pillar | 6 | 1.10 | 1.10 | 0.10 | | 0.73 | |
| | 14.5X6.5 truss pillar | 8 | 1.10 | 1.10 | 0.10 | | 0.97 | |
| | | 6 | 1.30 | 1.30 | 0.10 | | 1.01 | |
| | Pargola | 12 | 1.10 | 1.10 | 0.10 | | 1.45 | |
| | Pargola 4X2 | 6 | 5.00 | 3.00 | 0.10 | | 9.00 | |
| | Wooden Pillars Base | 8 | 1.20 | 1.05 | 0.10 | | 1.01 | |
| | Entrance Pillar - 2 Nos | 12 | 0.90 | 0.90 | 0.10 | | 0.97 | |
| | | | | | | | 25.79 | |
| | | | | | Say | | <u>26.00</u> | <u>6175.40</u> |
| | | | | | | | <u>Cum</u> | 160560.00 |
| | Basic rate | 5614.00 | | | | | | |
| | Add 10% for Malnad area works | <u>561.40</u> | | | | | | |
| | Total | <u>6175.40</u> | | | | | | /Cum |

3 KSRB 4.2.1: Providing and laying in position reinforced cement concrete of design mix M25 with OPC at 340kgs with 20mm and down size graded granite metal coarse aggregate at 0.70 cum and fine aggregates at 0.47 cum, super plasticisers at 3lts confirming to IS 9103-1999 reaffirmed-2008 at machine mix, concrete laid in a layers 15cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness including pilasters, columns pillars posts, struts buttresses bed blocks anchor blocks and pins etc, including cost of material labour, HOM curing complete but excluding cost of reinforcement as per specification.

Specification no KBS 4.1,4.6
S.R. Item No. 4.10 Page 14

| | | | | | | | |
|-------------------------------|-----|---------|------|------|--------|---------|------------|
| 3X3 truss pillar | 44 | 0.90 | 0.90 | 0.30 | 10.69 | | |
| 7X3 truss pillar | 18 | 0.90 | 0.90 | 0.30 | 4.37 | | |
| 14X6 truss pillar | 8 | 0.90 | 0.90 | 0.30 | 1.94 | | |
| 26X5.5 truss pillar | 18 | 0.90 | 0.90 | 0.30 | 4.37 | | |
| 7.5X5.5 truss pillar | 6 | 0.90 | 0.90 | 0.30 | 1.46 | | |
| 14.5X6.5 truss pillar | 8 | 0.90 | 0.90 | 0.30 | 1.94 | | |
| | 6 | 1.20 | 1.20 | 0.30 | 2.59 | | |
| | 12 | 0.90 | 0.90 | 0.30 | 2.92 | | |
| 3X3 truss pillar | 44 | 0.40 | 0.40 | 0.20 | 1.41 | | |
| 7X3 truss pillar | 18 | 0.40 | 0.40 | 0.20 | 0.58 | | |
| 14X6 truss pillar | 8 | 0.40 | 0.40 | 0.20 | 0.26 | | |
| 26X5.5 truss pillar | 18 | 0.40 | 0.40 | 0.20 | 0.58 | | |
| 7.5X5.5 truss pillar | 6 | 0.40 | 0.40 | 0.20 | 0.19 | | |
| 14.5X6.5 truss pillar | 8 | 0.40 | 0.40 | 0.20 | 0.26 | | |
| | 6 | 1.20 | 1.20 | 0.30 | 2.59 | | |
| Pillar Concrete | 102 | 0.07 | | 2.80 | 19.99 | | |
| | 10 | 0.07 | | 6.00 | 4.20 | | |
| Pargola Pillars | 10 | 0.30 | 0.30 | 5.10 | 15.30 | | |
| Beams | 3 | 4.00 | 0.30 | 0.30 | 3.60 | | |
| Beams | 10 | 4.70 | 0.20 | 0.40 | 18.80 | | |
| Curved Beam | 2 | 16.50 | 0.20 | 0.40 | 13.20 | | |
| | 2 | 10.50 | 0.20 | 0.40 | 8.40 | | |
| Pargola Beams | 14 | 3.00 | 0.15 | 0.15 | 6.30 | | |
| | 5 | 7.00 | 0.15 | 0.23 | 8.05 | | |
| | 3 | 2.50 | 0.15 | 0.23 | 1.73 | | |
| Wooden Pillars Base | 8 | 0.60 | 0.45 | 5.00 | 10.80 | | |
| Entrance Pillar-2sides | 4 | 0.30 | 0.30 | 3.50 | 1.26 | | |
| | 4 | 0.30 | 0.30 | 3.00 | 1.08 | | |
| | 4 | 0.30 | 0.30 | 2.50 | 0.90 | | |
| Beams Over Columns | 2 | 6.80 | 0.30 | 0.30 | 1.22 | | |
| | 2 | 6.20 | 0.30 | 0.30 | 1.12 | | |
| | 2 | 5.60 | 0.30 | 0.30 | 1.01 | | |
| | | | | | 153.11 | | |
| | | | | Say | 153.00 | 6817.80 | 1043123.00 |
| Basic rate | | 6198.00 | | | Cum | | |
| Add 10% for Malnad area works | | 619.80 | | | | | |
| Total | | 6817.80 | /Cum | | | | |

4 Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060mm width (1000mm cover width) 28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for the stiffening. The total thickness (TCT) of the sheet will be .47mm +/- 0.02 mm tolerance. Zinc - Alu Alloy coating AZ150 gsm as per the ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25mm length, to be over the existing purlins, rafters, channels and trusses.

| | | | | | | |
|-----------------------|----|-------|------|-----|---------------|-----------|
| 3X3 truss pillar | 11 | 3.00 | 3.00 | | 99.00 | |
| 7X3 truss pillar | 2 | 7.00 | 3.00 | | 42.00 | |
| 14X6 truss pillar | 1 | 14.00 | 6.00 | | 84.00 | |
| 26X5.5 truss pillar | 1 | 26.00 | 5.50 | | 143.00 | |
| 7.5X5.5 truss pillar | 1 | 7.50 | 5.50 | | 41.25 | |
| 14.5X6.5 truss pillar | 2 | 14.50 | 6.50 | | 188.50 | |
| 4X2 truss pillar | 6 | 4.00 | 2.00 | | 48.00 | |
| | | | | | 645.75 | |
| | | | | Say | <u>646.00</u> | 488893.00 |
| | | | | | <u>756.80</u> | |

Basic rate 688.00
 Add 10% for Malnad area works 68.80
 Total 756.80 /Sqm

5 Fabrication supplying and erecting M.S tubular trusses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation etc., complete as per the specification.
 S.R. Item No. 7.29 Page 43

| | | | | | | |
|-------------------------------|---|--------------------|-------|----------|--------|---------|
| Total area | 1 | 646.00 | 20Kgs | 12920.00 | 122.10 | 1577532 |
| | | | | Kgs | | |
| Basic rate | | 111.00 | | | | |
| Add 10% for Malnad area works | | <u>11.10</u> | | | | |
| Total | | <u>122.10</u> /Kgs | | | | |

6 KSRB 4.9.2: Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tying with bending wire and anchoring to the adjoining member wherever necessary complete as per design (laps hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specifications No KBS 4.6.3



| | | |
|----------|--------|------------|
| 153 Curr | 100.00 | 15300.00 |
| | | 15.30 |
| | 15.30 | 77860.20 |
| | | 1191261.06 |

Tonne

Basic rate 70782.00
 Add 10% for Malnad area works 7078.20
 Total 77860.20 /Tonne

7 Providing & constructiong laterite size stone masonry including cost and conyence of all materials curing etc complete as per specifications IS 3620-1979 having compressive strength not less 3.5N/mm2 for saturated dry samples. 4.2.5.3: For superstructure in CM 1:6(Cement 45kg/m3)

| | | | | | | |
|------------------|---|------|------|------|----------------|----------|
| S.R. Item No. | | | | | | |
| Base at Entrance | 1 | 6.20 | 3.60 | 0.30 | 6.70 | |
| | | | | | <u>6.70</u> | |
| | | | | Say | <u>7.00</u> | 26110.00 |
| | | | | | <u>3729.99</u> | |

Handwritten initials 'HD'

| | | |
|-------------------------------|---------------------|-----|
| Basic rate | 3390.90 | Cum |
| Add 10% for Malnad area works | <u>339.09</u> | |
| Total | <u>3729.99 /Cum</u> | |

Smt

5 Fabrication supplying and erecting M.S tubular truses of all spans as per approved drawing and design prefabricated steel applications using quality material are durable, reliable and corrosion and abrasion resistant. Welding shall conform to structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire struss is anchored in RCC column by using 4nos of MS anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of MS pipes and welding where ever necessary and applying one coat of redoxide primer coat to all the members including coat of all material, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation etc., complete as per the specification

| | | | | |
|-----------|----|------|----------------|-------|
| Wall size | 6 | 4.00 | 2.60 | 62.40 |
| | 12 | 0.40 | 2.60 | 12.48 |
| | | | | 74.88 |
| | | | Per Rmt 20 Kgs | 20.00 |


1497.6 122.10 182856.96

| | |
|-------------------------------|--------------------|
| Basic rate | 111.00 |
| Add 10% for Malnad area works | <u>11.10</u> |
| Total | <u>122.10 /Kgs</u> |

Sub Total 47,50,588.02


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru


Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Name of work: Fencing Work

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|--|----|---------------------|------|------|---------------|----------------|-----------|
| 1 | KSRB 2-2 : Earthwork excavation by Manual means for foundation of buildings, water supply and sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 | | | | | | | |
| | S.R. Item No. 2.3 Page 6 | | | | | | | |
| | Wall Length | 1 | 400.00 | 0.60 | 0.50 | 120.00 | | |
| | | | | | | | | |
| | | | | | Say | <u>120.00</u> | | |
| | | | | | | <u>120.00</u> | 328.90 | 39468.00 |
| | Basic rate | | 299.00 | | | | | |
| | Add 10% for Malnad area works | | <u>29.90</u> | | | | | |
| | Total | | <u>328.90</u> /Sqm | | | | | |
| 2 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | |
| | S.R. Item No. 4.2 Page 13 | | | | | | | |
| | Wall Length | 1 | 400.00 | 0.40 | 0.10 | 16.00 | | |
| | | | | | | | | |
| | | | | | Say | 16.00 | | |
| | | | | | | <u>16.00</u> | <u>6175.40</u> | 98806.00 |
| | Basic rate | | 5614.00 | | | | | |
| | Add 10% for Malnad area works | | <u>561.40</u> | | | | | |
| | Total | | <u>6175.40</u> /Cum | | | | | |
| 3 | KSRB 4.2.1: Providing and laying in poition reinforced cement concrete of design mix M25 with OPC at 340kgs with 20mm and down size graded grinite metal coarse aggregate at 0.70 cum and fine aggregates at 0.47 cum, super plasticiser at 3lts confirming to IS 9103-1999 reaffirmed-2008 at machine mix,concrete laid in a layers 15cms thick, vibrated for all works in foundation for footings,pedestals,retaining walls,return walls,walls(any thickness including pilasters,columns pillars posts,struts, buttresses, bed blocks anchor blocks and pins etc,including cost of material labour,HOM curing complete but excluding cost of reinforcement as per specification. | | | | | | | |
| | Specification no KBS 4.1,4.6 | | | | | | | |
| | S.R. Item No. 4.10 Page 14 | | | | | | | |
| | Wall Length | 1 | 400.00 | 0.30 | 0.30 | 36.00 | | |
| | | | | | | | | |
| | | | | | Say | <u>36.00</u> | <u>6817.80</u> | 245441.00 |
| | Basic rate | | 6198.00 | | | | | |
| | Add 10% for Malnad area works | | <u>619.80</u> | | | | | |
| | Total | | <u>6817.80</u> /Cum | | | | | |
| 4 | KSRB 15-18.2: Providing and supplying Enamel paint 02 coats (excluding primer coat) over new steel or other material surface brushing to give an even shade after cleaning oil,grease,dirt and other foreign matter,including coat of materials,labour complete as per the specification. | | | | | | | |
| | S.R. Item No. 15.74, Page 123 | | | | | | | |
| | Measurements | 1 | 400.00 | 1.35 | | 540.00 | | |

Say 540.00 104.50 56430.00
Sqm

Basic rate 95.00
Add 10% for Malnad area works 9.50
Total 104.50 /Sqm

5 Fabricating, providing and erecting in position of Hot dip galvanised MS ornamental security grill using 75X12mm MS flat for all round frame work with verticals at the center and horizontal center support MS square of 20X20mm of different heights as shown in the drawing are to be fixed at 16cms C/C for square bars of full height and at 8cms C/C for bottom rods providing ornamental CI designs at the bottom and CI arrow in the middle and top the entire frame work is to be fixed by means of expansion bolts to the brick pillars with necessity drilling holes. The work includes providing two coats of Enamel painting over one coat of read lead ready mix primer coat etc complete cost of labour, painting, erection charges using hoist pulley cranes with all lead and lift, loading transporting and unloading using the hoist pullycranes, scaffoldings charges and all other incidental charges required to the successful completion of the work as per specification and drawings.

| | | | | | | |
|-----------------|---|--------|------|---------|--------|------------|
| | 1 | 400.00 | 1.00 | 400.00 | | |
| For 1smt 20 kgs | | | | 20.00 | | |
| | | | | 8000.00 | 196.90 | 1575200.00 |

Basic rate 179.00
Add 10% for Malnad area works 17.90
Total 196.90 /kgs

6 Providing and fixing M.S. Gate as per Chief Architect drawing, using 50 mm x 50 mm 14 guage M.S. Hollow pipe frame work bent to ornamental shape as shown in the drawing and 35 mm x 6 mm and 16 mm x 16 mm square rods for verticals alternatively spaced at 4 cms c/c in two halves and 40 mmx 6 mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternative vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, abour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per S.R. specifications.

| | | | | | | |
|----------------------------|---|------|------|-------|---------|------------------|
| S.R. Item no. 7.37 page 45 | 4 | 3.60 | 2.10 | 30.24 | 3313.20 | <u>100191.00</u> |
|----------------------------|---|------|------|-------|---------|------------------|

Basic rate 3012.00
Add 10% for Malnad area works 301.20
Total 3313.20 /Sqm

7 Providing and fixing 304 - grade stainless steel hand rails of 14 - guage pipes for ramps staircase made out of stainless steel hollow pipes, using 50 mm dia for verticals @ 1.60 mtr c/c fixed to the ramps or steps by drilling with bolts and 100 mm dia MS base plates 10 mm guage for fixing of vertical pipes -4 Nos.anchor bolts and 40 mm dia pipes fixed horizontally for two - rows top, one pipe fixed with vertical pipes, another one fixed with elbows and 25 mm dia pipes are fixed horizontally for two rows below top measure at equal intervals including cutting, welding, bending, wherever necessary with suitable gaps at tops, bottoms and corners finishing with matt or shining etc., complete including cost and conveyance of all materials, labour for all items of work, capital HOM with lead and lift, loading and unloading , transportation charges and all other incidental charges etc, complete as per specification and directions of the engineers incharge of the work.

S.R. Item no 7.39 Page 45 1 150.00 0.90 135.00 5910.30 797891.00

Basic rate 5373.00

Add 10% for Malnad area works 537.30

Total 5910.30 /Sqm

8 KSRB:15-18.1 Applying red lead readymix primer coat over new steel or other metal surface including preparing the surface after throughly cleaning oil grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand paper including cost of materials, labour complete as per specifications. Page No 123

Fencing area 1 455.00
Gate 1 30.24
Hand rails 1 135.00


Say 621.00 45.10 28007.10
Sqm

Basic rate 41.00
Add 10% for Malnad area works 4.10
Total 45.10 /Sqm

Sub Total = Rs. 2941434.10


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Mangaluru


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Mangaluru Smart City Limited
Mangaluru

Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


Name of work: Existing compound wall Repair

| Sl. No. | Description of work | No | L | B | D | Quantity | Rate | Amount |
|---------|---|----|-----------------------|------|---|----------|-----------------------|--------------------------------|
| 1 | KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry / concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. S.R. Item No. 15.19 Page 120 Outside | 1 | 1120.00 | 2.00 | | | | 2240.00 |
| | | | | | | Say | <u>2240.00</u> Sqm | <u>300.30</u> 672672.00 |
| | Basic rate | | 273.00 | | | | | |
| | Add 10% for Malnad area works | | <u>27.30</u> | | | | | |
| | Total | | <u>300.30</u> /Sqm | | | | | |
| 2 | KSRB 15-16.1:Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material,free frommortar drops and other foreign matter cost of materials , labour, complete as per specifications. S.R. Item No. 15.53.2 Page 120 -with Primer External wall plastering quantity | | | | | | | 2240.00 |
| | | | | | | Say | <u>2240.00</u> Sam | <u>198.00</u> <u>443520.00</u> |
| | Basic rate | | 180.00 | | | | | |
| | Add 10% for Malnad area works | | <u>18.00</u> | | | | | |
| | Total | | <u>198.00</u> /Sqm | | | | | |
| 3 | KSRRB M200- Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. SPECIFICATION 18.17, Page No. 139 | | | | | | | 110.00 |
| | | | | | | | | Cum |
| | Basic rate | | 454.00 | | | | | |
| | Add 10% for Malnad area works | | <u>45.40</u> | | | | | |
| | Total | | <u>499.40</u> /Cum | | | | | |
| 4 | KSRRB M200-17.1 -do-v) Steel work in all types of sections upto a height of 5 m above plinth level excluding cutting of rivet. - A. Including dismembering SPECIFICATION 18.33, Page No. 140 | | | | | | | 1.50 |
| | | | | | | | | Tonne |
| | Basic rate | | 1893.00 | | | | | |
| | Add 10% for Malnad area works | | <u>189.30</u> | | | | | |
| | Total | | <u>2082.30</u> /Tonne | | | | | |

Sub Total = Rs. 1174249.00


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru


Executive Engineer
Mangaluru Smart City Limited

BOQ AND SPECS FOR STREET LIGHT RELATED ELECTRICAL WORKS

| Item No | Particulars | Unit | Qty. | Rate/ unit (Rs) | Amount (Rs) |
|----------|--|------|------|-----------------|-------------|
| 1 | High Mast | | | | |
| | Supply, erection, testing and commissioning of 30 mtr Hot dip galvanised High Mast system with 350W LED fittings and its accessories including foundation complete as per the requirement as per the description given below. | | | | |
| | Supply of 30 mtr high mast in three sections suitable for 55m/sec wind speed as per IS 875 part 3 with raising and lowering system comprising head frame, steel wire rope 6mm dia(7/9 construction) double | | | | |
| | Complete set of suitable foundation bolts, nuts and washers for installation of 30mtr LED type HLM(12 Nos in each set) | Nos | 3 | 510000.00 | 1530000.00 |
| | 12 Nos of 230 V, 350W LED fittings | | | | |
| | 1 No of Twin dome aviation light | | | | |
| | Free standing type outdoor type feeder pillar control panel with rain protection canopy with 63 A FP MCB as incomer, single dial time switch, 45A TP Contactor for automatic switching of luminaires, power tool control, with 2 nos 9A contactors and raise lower push button. Incoming & Outgoing 3.5C*35 sqm Al2/16 sqmm Copper cable termination with suitable connectors. | | | | |
| | Street Light Control Panel | | | | |
| | Supply, erection, testing and commissioning of sheet steel clad, 16SWG, powder coated, weather proof freestanding double door (IP65 protection) street light control panel completely wired including all accessories as required incorporating the following as minimum. Complete including all lead and lift. | | | | |
| | 1 No 63A TPN MCB (SCHNEIDER/ABB/HAGER) | | | | |
| | 1 No Fuse cutout (3 phase) | | | | |
| | Power contactor of 40Amps (ABB/SCHNEIDER/SEIMENS) | | | | |
| | 24 hr Timer for on/off control of the lamps (Ref: MAXIREX of Legrand, PANASONIC, any reputed) | | | | |
| | 2 Nos of 5way connectors (30A) | | | | |
| | 3 No. 4pole, 20A MCB. (First for West plaza, Second for Central Plaza and third as spare) | | | | |
| | Other items such as auto manual selector switches, indicating lamps, on/off push buttons, control circuit with fuses, etc complete. | | | | |
| 2 | | No | 3 | 70000.00 | 210000.00 |
| 3 | LT Cable | | | | |
| | Supplying and Laying of brand new approved make copper conductor PVC insulated, sheathed flat/wire steel armoured cable with PVC outer sheathing 1.1 KV class in existing trenches (confirming to ISS 1554.) (including all lead and lift) | | | | |
| | 4CX10 Sqmm (From Street light control panel to West plaza first street light pole) | Rmtr | 200 | 425.00 | 85000.00 |
| | 4CX10 Sqmm (From Street light control panel to Central plaza first street light pole) | Rmtr | 200 | 425.00 | 85000.00 |
| | 4CX10 Sqmm (From Street light control panel to East plaza first street light pole) | Rmtr | 200 | 425.00 | 85000.00 |
| 4 | Multicore Cable | | | | |
| | Supplying and Laying of brand new approved make copper conductor PVC insulated, multicore copper flexible cable with PVC outer sheathing 1.1 KV class in PVC pipes in existing trenches. (including all lead and lift) | | | | |
| | 4C*4 Sqmm (From first street light on each plaza to subsequent street light poles) | Rmtr | 1000 | 360.00 | 360000.00 |
| | 4C*4 Sqmm (From Street light control panel to First Flood light and then looping in looping out in each plaza's) | Rmtr | 800 | 360.00 | 288000.00 |
| | 4C*4 Sqmm (From Street light control panel to First bollard and then looping in looping out on each plaza's) | Rmtr | 800 | 360.00 | 288000.00 |
| | 4C*4 Sqmm (From Street light control panel to First Walkover and then looping in looping out on each plaza's) | Rmtr | 800 | 360.00 | 288000.00 |
| | 4C*4 Sqmm (From Street light control panel to First waterproof and then looping in looping out on 3C*1.5Sqmm (For individual poles from pole control box to light fitting) | Rmtr | 625 | 360.00 | 225000.00 |
| | | Rmtr | 300 | 220.00 | 66000.00 |
| 5 | LT Cable Terminations | | | | |
| | Supplying and fixing tinned copper lugs and crimping and fixing to terminal points for wires of the following sizes including all accessories complete as directed by the engineer. | | | | |
| | 4CX10 Sqmm | Set | 6 | 350.00 | 2100.00 |
| | 4CX4 Sqmm | Set | 60 | 250.00 | 15000.00 |
| | 3C*1.5Sqmm | Set | 60 | 250.00 | 15000.00 |
| 6 | Miscellaneous Job (Trench/Pipes) | | | | |
| | Earth work excavation for cable trench of 300mm width and depth upto 0.6 meter as directed and | | | | |
| | Supplying, laying, fixing on pole/trench of PVC Rigid pipe conforming to IS:4985:2000 with latest | | | | |
| | 40 mm OD -6Kg/cm ² | Rmtr | 750 | 60.00 | 45000.00 |
| | Construction of chambers with heavy duty chamber covers of size 1 feet x 1 feet wide x 0.6 mtr depth with strong manholes complete as per the requirement | Nos | 12 | 12000.00 | 144000.00 |
| 7 | Thermoplastic Boxes for Poles | | | | |
| | Supply and installation of KV Thermoplastic Circuit Breaker boxes IP66 halogen free and weather | | | | |
| | Hensel Cat No KV7103 Dimension: 102*197*92 with PE+N terminals | No | 60 | 1700.00 | 102000.00 |
| | External Mounting brackets for the above (Set of 2) | No | 60 | 225.00 | 13500.00 |
| | Lead Sealing for the above cable junction box | Set | 60 | 220.00 | 13200.00 |
| | Threaded cable gland IP65 made of polymide with lock and nut. | No | 60 | 220.00 | 13200.00 |
| | 6A SP MCB 10 KA Breaking capacity: Legrand/Hager/Siemens/ABB | No | 60 | 225.00 | 13500.00 |
| | 25mm dia threaded cable gland IP65 made of polymide with lock and nut. | No | 60 | 225.00 | 13500.00 |

Executive Engineer
Mangaluru Smart City Limited
Mangaluru

BOQ AND SPECS FOR STREET LIGHT RELATED ELECTRICAL WORKS

Page 277

| Item No | Particulars | Unit | Qty. | Rate/ unit (Rs) | Amount (Rs) |
|---------|--|------|------|-----------------|-----------------------|
| b | Hensel Cat No KV 7106 Dimension:146*238*111 with PE+N terminals | No | 3 | 2150.00 | 6450.00 |
| | External Mounting brackets for the above(Set of 2) | No | 3 | 250.00 | 750.00 |
| | Lead Sealing for the above cable junction box | Set | 3 | 220.00 | 660.00 |
| | Threaded cable gland IP65 made of polyimide with lock and nut. | No | 3 | 250.00 | 750.00 |
| | 16A FP MCB 10KA Breaking capacity:Legrand/Hager/Siemens/ABB | No | 3 | 2000.00 | 6000.00 |
| | 6A SP MCB 10KA Breaking capacity:Legrand/Hager/Siemens/ABB | No | 3 | 225.00 | 675.00 |
| 8 | 25mm dia threaded cable gland IP65 made of polyimide with lock and nut. | No | 3 | 225.00 | 675.00 |
| 8 | Street lighting Poles(Type 1) | | | | |
| | Fabricating, supplying and erecting tubular pole of height 6.0 metre (Excluding 1.2mtr planting depth)having three sections (Top = 1.5m, Mid=2.0m, Bottom=2.5m), and base plate of size 300mmX300mmX 6mm thick welded at the bottom of the pole with suitable MS strips (6mm thick) at four sides to be welded, The pole should be duly cleaned and provided with two coats of red oxide primer and finished with two coats of aluminium paint of approved quality. The pole shall have suitable size holes for cable entry near the control box and at the top for connection to the lamps. Suitable earthing terminal shall be provided near the control box position. The pole shall be manufactured in accordance with IS 2713 and galvanising shall be done as per IS 2629 with zinc coating in accordance with IS 4736..The pole shall be erected in cement concrete work (M20) including excavation and re-filling, complete as directed by the Engineer.(Control box and wiring itemised separately) Outside Dia and Thickness of Pole. Bottom: 139.7 x 4.85mm Middle: 114.3 x3.65mm Top: 88.9 x 3.25mm Planting depth :Upto 1.2m. | No | 55 | 16000.00 | 880000.00 |
| | Supply and installation of 40/50MM dia bent pipe of 1.5 mtr length to mount the LED street light complete with welding/supporting clamps to the existing pole. | No | 55 | 1100.00 | 60500.00 |
| | Supplying, installation, testing and commissioning of LED street light luminaire with die cast aluminium housing and toughened glass cover of IP66 protection (minimum), with 36 watts LED light fittings with External SPD 10KV complete with all accessories and drivers & heatsink etc., on brackets on existing street light poles, i/c wiring with 2 x 1.5 sqmm PVC insulated copper conductor FRLS cable from Looping box to fitting, connections, testing and commissioning etc. as required. (Five years manufacturers guarantee should be submitted for the new fittings) | No | 55 | 4350.00 | 239250.00 |
| 9 | Street lighting Poles(Type 2) | | | | |
| | Fabricating, supplying and erecting tubular pole of height 6.0 metre with one arm at 4 mtrs and second arm at 6mtrs(Excluding 1.2mtr planting depth)having three sections (Top = 1.5m, Mid=2.0m, Bottom=2.5m), and base plate of size 300mmX300mmX 6mm thick welded at the bottom of the pole with suitable MS strips (6mm thick) at four sides to be welded, The pole should be duly cleaned and provided with two coats of red oxide primer and finished with two coats of aluminium paint of approved quality. The pole shall have suitable size holes for cable entry near the control box and at the top for connection to the lamps. Suitable earthing terminal shall be provided near the control box position. The pole shall be manufactured in accordance with IS 2713 and galvanising shall be done as per IS 2629 with zinc coating in accordance with IS 4736..The pole shall be erected in cement concrete work (M20) including excavation Dia and Thickness of Pole. Middle: 114.3 x3.65mm Planting depth :Upto 1.2m. | No | 40 | 16000.00 | 640000.00 |
| | Supply and installation of 40/50MM dia bent pipe of 1.5 mtr length to mount the LED street light complete with welding/supporting clamps to the existing pole. | No | 40 | 1100.00 | 44000.00 |
| | Supplying, installation, testing and commissioning of LED street light luminaire with die cast aluminium housing and toughened glass cover of IP66 protection (minimum), with 36 watts LED light fittings with External SPD 10KV complete with all accessories and drivers & heatsink etc., on brackets on existing street light poles, i/c wiring with 2 x 1.5 sqmm PVC insulated copper conductor FRLS cable from Looping box to fitting, connections, testing and commissioning etc. as required. (Five years manufacturers guarantee should be submitted for the new fittings) | No | 40 | 4350.00 | 174000.00 |
| 10 | Post top lanterns | | | | |
| | Supplying erection,testing and commissioning of Post top lantern with LED luminaire of 13/20/24 W with aluminium die cast pole of 4 mtr height | No | 90 | 40000.00 | 3600000.00 |
| 11 | Miscellaneous | | | | |
| | Foundation for the above street light,post top poles with CC and foundation bolts/nuts/washers etc complete as per the requirement. | Set | 60 | 2750.00 | 165000.00 |
| 12 | OTHER LIGHT FIXTURES | | | | |
| a | PHILIPS FLOODLIGHT 50 W LED | Each | 80 | 3580 | 286400.00 |
| b | LUKER LUW12R WALKOVER LIGHTS | Each | 80 | 8500 | 680000.00 |
| c | PHILIPS CITY CUBE BOLLARD | Each | 20 | 8000 | 160000.00 |
| d | CROMPTON GREAVES WATERPROOF BATTEN LIGHT | Each | 25 | 3250 | 81250.00 |
| | TOTAL | | | | 1,10,95,860.00 |

Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru

Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Name of Work : Landscape works

| Description | Unit | Rate | Amount |
|---|---------------|--------|-------------|
| KSRRB 300-3. Earthwork excavation and forming in embankment by manual means in ordinary soil (When earth is taken from bank cutting or from borrow pits) including breaking of clods, spreading to required lines and level, forming, and cost of all labour complete as per specifications.(excluding watering and compaction of earth)(with all lead and lifts) | 1800 | 180.40 | 3,24,720.00 |
| SPECIFICATION 19.3 | | | |
| Basic rate | 164.00 | | |
| Add 10% for Malnad area works | <u>16.40</u> | | |
| Total | <u>180.40</u> | | |
| KSRRB M300-1. Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/nd good earth to be paid for seperately) completes as per sepecifications. MORTH Specification No. 307 | 900 | 113.30 | 1,01,970.00 |
| SPECIFICATION 19.77 | | | |
| Basic rate | 103.00 | | |
| Add 10% for Malnad area works | <u>10.30</u> | | |
| Total | <u>113.30</u> | | |
| KSRRB M300- 2.1. Grassing with Doobs grass including watering and maintenance of the lawn for 30 days or more till the grass forma a thick lawn free from weeds anfd fit for moving including supplying good earth if needed complete as per specifications. MORTH Specification No. 07 | | | |
| i)In rows 15cm apart in either direction. | | | |
| | 1500 | 50.60 | 75,900.00 |
| SPECIFICATION 19.78 | | | |
| Basic rate | 46.00 | | |
| Add 10% for Malnad area works | <u>4.60</u> | | |
| Total | <u>50.60</u> | | |
| KSRRB M300-3. Making lawns including ploughing and breaking of clod, removal of rubbish, dressig and supplying doobs grass roots and planting at 15cm apart, including supplying ans spreading of farm yard manure at rate of 0.18 cum per 100 sqm completes as per specification. MORTH Specification No. 307 | 1500 | 17.60 | 26,400.00 |
| SPECIFICATION 19.8 | | | |
| Basic rate | 16.00 | | |
| Add 10% for Malnad area works | <u>1.60</u> | | |
| Total | <u>17.60</u> | | |
| KSRRB M300-7.1. Planting permanent hedges including digging of trenches, 60cm wide and 45cm deep, refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.56 cum per 100 meters and supplying and planting hedge plants at 30cm apart completes as per specifications. | | | |
| A) Planting permanent hedges including digging of trenches. | | | |
| MORTH Specification No.307 | 250 | 325.60 | 81,400.00 |
| Basic rate | 296.00 | | |
| Add 10% for Malnad area works | <u>29.60</u> | | |
| Total | <u>325.60</u> | | |

SPECIFICATION 19.84

| | | | |
|--|---------------|--------|-----------|
| KSRRB M300-7.2 -do - Maintenance of hedge for one year | 250 | 228.80 | 57,200.00 |
| Basic rate | 208.00 | | |
| Add 10% for Malnad area works | <u>20.80</u> | | |
| Total | <u>228.80</u> | | |

SPECIFICATION 19.85

KSRRB M300- 8.1. Planting and Maintaing of Flowering Plants and Shrubs

A) Planting flowering plants and shrubs in central verge

| | | | |
|-----------------------------|-----|-------|-----------|
| MORTH Specification No. 307 | 600 | 50.60 | 30,360.00 |
|-----------------------------|-----|-------|-----------|

SPECIFICATION 19.86

| | | | |
|-------------------------------|--------------|--|--|
| Basic rate | 46.00 | | |
| Add 10% for Malnad area works | <u>4.60</u> | | |
| Total | <u>50.60</u> | | |

KSRRB M300-8.2-do- Maintainence of flowering plants and shrubs in central verge for one year - for 1 km

| | | |
|-------------------------------|------------------|-------------|
| 850 m | 2,40,617 | 2,04,524.71 |
| Basic rate | 218743.00 | |
| Add 10% for Malnad area works | <u>21874.30</u> | |
| Total | <u>240617.30</u> | |

SPECIFICATION 19.87

Plant Details -

| | | | |
|---|------|-------------|-------------|
| Planting of Tall plants/shrubs as per the approved list attached | 1100 | 400 | 4,40,000.00 |
| Planting of Medium height plants/shrubs as per the approved list attached | 2250 | 100 | 2,25,000.00 |
| Planting of Small height plants/shrubs as per the approved list attached | 2400 | 150 | 3,60,000.00 |
| Mexican grass lawn 1000 sqm | 410 | 4,10,000.00 | |
| tree (Minimum 3 Years old) 80 | 9000 | 7,20,000.00 | |

KSRRB M300-9. Planting of trees by the road side (Avenue trees) in 0.60m

dia holes, 1m deep dug in the ground, mixing the soil with decayed farmyard/ sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and manintaing the plants for one year complete as per specifications.

| | | | |
|----------------------------|----|------|-----------|
| MORTH Specification No. 07 | 80 | 1155 | 92,400.00 |
|----------------------------|----|------|-----------|

SPECIFICATION 19.88

| | | | |
|-------------------------------|----------------|--|--|
| Basic rate | 1050.00 | | |
| Add 10% for Malnad area works | <u>105.00</u> | | |
| Total | <u>1155.00</u> | | |

KSRRB 200 Cutting of Trees

KSRRB 200-1. **Cutting of trees girth** from 300 mm to 600 mm including cutting of trunks, branches and removal of stumps roots stacking of serviceable materials earth filling in the depression/ pit, labour charges complete as per specifications.

| | | | |
|---|----|-------|----------|
| MORTH specification clause 201/ Chapter 2 | 22 | 328.9 | 7,235.80 |
|---|----|-------|----------|

SPECIFICATION 18.1 , Page No. 136

| | | | |
|-------------------------------|---------------|--|--|
| Basic rate | 299.00 | | |
| Add 10% for Malnad area works | <u>29.90</u> | | |
| Total | <u>328.90</u> | | |

KSRRB M200-10.1 Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials, labour charges complete as per specifications.

1100


| | | | |
|--|--------------|----------|--------------|
| | 100 | 11.00 | |
| Basic rate | 10.00 | | |
| Add 10% for Malnad area works | <u>1.00</u> | | |
| Total | <u>11.00</u> | | |
| SPECIFICATION 18.11, Page No. 136 | | | |
| Other items | | | |
| Cost of transport, Replanting using JCB | | | 4,00,000.00 |
| Provision of Irrigation - as per estimate | | | 22,72,364.00 |
| Granite work - 10' Karkala stone Pergola set (Quotation) | 12 | 145000 | 17,40,000.00 |
| Granite work - Coping stone 2" thick x 1'0" wide (Quotation) | 200 | 1333.33 | 2,66,666.00 |
| .45 m dia X 5.75 m dia hight | 57.5 Rmt | 16695.76 | 9,60,006.00 |
| .45 m dia X 4.75 m dia hight | 47.5 Rmtr | 16526.31 | 7,85,000.00 |

~~92,57,526.51~~

= 95,82,246/-


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru


Executive Engineer
Mangaluru Smart City Limited
Mangaluru

QUOTATION FOR GARDEN IRRIGATION WORK

| SR.N | ITEM DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-------------|---|------|------|----------|-----------|
| 1 | Pipes Work: Supply, laying & commissioning in position PVC pipe-6 kg/cm² conforming to IS:4985:2000 and suitable for the respective working pressures without all fittings and accessories e.g. couplings, tees, bends, reducers, screwed adapters, flanged tail pieces etc., complete , as per the instructions of Architect/Landscape Architect/Engineer In Charge. Finolex/supreem | | | | |
| 1.1 | 2.5" | Rm | 1200 | 184.00 | 220800.00 |
| 1.2 | 2" | Rm | 150 | 97.00 | 14550.00 |
| 1.3 | 1.5" | Rm | 1300 | 85.00 | 110500.00 |
| 1.4 | 1" | Rm | 100 | 55.00 | 5500.00 |
| 1.5 | 3/4" | Rm | 100 | 45.00 | 4500.00 |
| 1.6 | 1/2" | Rm | 200 | 35.00 | 7000.00 |
| 1.7 | PVC fittings | | | | 108855.00 |
| 1.8 | Earth work excavation and refilling 300x450mm | | 3050 | 70.00 | 213500.00 |
| 2.00 | DRIP & ACCESSORIES | | | | |
| 2.1 | Supply, Fixing & Commissioning of flexible, kink resistant 16mm inline tubing (XFD) with pressure compensating, self flushing mechanism , Flat emitter and resistance to UV damage, algae growth brown in colour, Longer lateral run length with flow rate 2.3lph to 3.4 lph , pressure rating 0.58 to 4.1 bar wall thickness 1.2mm etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge | Rm | 3648 | 45.00 | 164160.00 |
| 2.2 | Supply, Fixing & Commissioning of flexible, kink resistant 16mm subsurface inline tubing (XFSDI) and copper shield technology protects the root intrusion and self flushing emitter , brown in colour, UV damage and algae growth with flow rate of 3.4 lph pressure rating 0.58 to 4.14 bar with 100mm-150mm depth of earthwork etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge | Rm | 2888 | 65.00 | 187720.00 |
| 2.3 | Supply,Fixing & commissioning of 1.5" Large Capacity Y Filters for submain filtration Have High Flow & Low Maintenance With a Solid Build,Maximum Flow Up to 110 gpm (25m ³ /hr), Maximum Pressure 116 psi (8 bar),Maximum Temperature Up to 140°F (60°C) etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge | Nos | 5 | 4,000.00 | 20000.00 |
| 2.4 | Supply,Fixing & commissioning of 1" Large Capacity Y Filters for submain filtration Have High Flow & Low Maintenance With a Solid Build,Maximum Flow Up to 110 gpm (25m ³ /hr), Maximum Pressure 116 psi (8 bar),Maximum Temperature Up to 140°F (60°C) etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 12 | 2,500.00 | 30000.00 |

| | | | | | |
|-------------|--|-----|-----|----------|----------|
| 2.5 | Supply,Fixing & commissioning of 63mm/50mm/40mm dia self-closing flushing valves that are installed at the end of the irrigation line for effecting flushing of the line at the beginning of every irrigation cycle, thus avoiding the clogging of the emitters /sprinklers through removal of particles, sediments and other impurities from the water. etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 17 | 400.00 | 6800.00 |
| 2.6 | Supply,Fixing & commissioning of 9 - Gauge Galvanized Steel Rod Comes Sharp tips provide easy insertion into all soil types, Staple Distribution Tubing , XF Drip Line or XBS Tubing to Finished Grade. Notched Sides. Corrosion -Resistant of TIE DOWN STAKE TDS 6050. etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 650 | 35.00 | 22750.00 |
| 2.7 | Supply,Fixing & commissioning of Gromatetake off Connects XF Series Drip Line and Blank Tubing to PVC Mainlines at Low Pressures. 17mm GTO etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 650 | 25.00 | 16250.00 |
| 2.8 | Supply,Fixing & commissioning of High Quality Barbs Grab Tubing for a Secure Fit. Unique Barb Design to Reduce Insertion Force. Non - Obtrusive Brown Colored Fittings of 17mm BARBX BARB TEE. etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 650 | 25.00 | 16250.00 |
| 2.9 | Supply,Fixing & commissioning of High Quality Barbs Grab Tubing for a Secure Fit. Unique Barb Design to Reduce Insertion Force. Non - Obtrusive Brown Colored Fittings of 17mm BARBX BARB COUPLING. etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 650 | 25.00 | 16250.00 |
| 2.10 | Supply,Fixing & commissioning of High Quality Barbs Grab Tubing for a Secure Fit. Unique Barb Design to Reduce Insertion Force. Non - Obtrusive Brown Colored Fittings of 17mm BARBX BARB ELBOW. etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 650 | 22.00 | 14300.00 |
| 2.11 | Supply,Fixing & commissioning of 17mm End cap S Type for dripline closure at the end of the dripline etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | nos | 650 | 15.00 | 9750.00 |
| 3.00 | VALVES & ACCESSORIES | | | | |
| 3.01 | Supply,Fixing & commissioning of PVC Single Union Ball Valve ,security pivot to maintain lever in space,double water tight joint,direct injection stem, Stem O-Ring, non mechanical ,ball Seals with backing seals and a base which permits maximum penetration into the valve of size 50mm. with pressure rating PN 10 etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 5 | 1,500.00 | 7500.00 |
| 3.02 | Supply,Fixing & commissioning of PVC Single Union Ball Valve ,security pivot to maintain lever in space,double water tight joint,direct injection stem,Stem O-Ring, non mechanical ,ball Seals with backing seals and with a base which permits maximum penetration into the valve of size 40mm. with pressure rating PN 10 etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 12 | 1,400.00 | 16800.00 |

| | | | | | |
|------|--|-----|------|----------|-----------|
| 3.03 | Supply,Fixing & commissioning of a double acting air and vaccum release 1/2 " Air release valve . The Air release valve shall be capable of both releasing and admitting air from and into the line. The working pressure shall be 5 bar. Only for Drip Irrigation etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 17 | 900.00 | 15300.00 |
| 3.04 | Supply of a double acting air and vaccum release 2 " Air release valve . The Air release valve shall be capable of both releasing and admitting air from and into the line. The working pressure shall be 10 KSC etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. | Nos | 8 | 1,400.00 | 11200.00 |
| 3.05 | Supply,Fixing & commissioning of 6"Round box with greenlid and corrugated structure with unique shovel access slot and bolt hole knockout & Having Dimensions @ Top Opening :6 1/8" Dia & Bottom Opening 8 5/8" Dia etc. , complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. PVB/VB | Nos | 42 | 650.00 | 27300.00 |
| 3.06 | Supply,Fixing & commissioning of 10" Round Valve Box with greenlid and corrugated structure with unique shovel access slot and bolt hole knockout & Having Dimensions @ Top Opening 10" Dia & Bottom Opening 12 13/16" Dia etc., complete, as per the Instructions of Architect/Landscape Architect/Engineer In Charge. PVB/VB | Nos | 17 | 1,700.00 | 28900.00 |
| 3.07 | Supply,Fixing & commissioning of 18" Jumbo Rectangular Standard Valve Box with greenlid and corrugated structure with unique shovel access slot and bolt hole knockout & having Dimensions @ Top Opening:18 1/4" L X 13" W & bottom opening :21 1/4" L X 15 15/16" W X 12" H etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. PVB/VB | Nos | 17 | 6,600.00 | 112200.00 |
| 3.08 | Supply,Fixing & commissioning of 3/4th Quick coupling valve made up of solid brass with locking cover corrosion resistant and stainless steel spring etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. 3RC | Nos | 17 | 3,600.00 | 61200.00 |
| 3.09 | Supply,Fixing & commissioning of 3/4th Key threads into top of QCV to provide water access etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. 33DK | Nos | 4 | 3,000.00 | 12000.00 |
| 3.10 | Supply,Fixing & commissioning of 3/4th Hose Swivel Made up of Solid Brass Swivels up to 360 degrees to allows hose to be pulled in any direction & Also to prevent Hose Damage etc., complete, as per the instructions of Architect/Landscape Architect/Engineer In Charge. SH-0 | Nos | 4 | 4,000.00 | 16000.00 |
| 6.00 | Automation Equipments | | | | |
| 6.01 | Supply,Fixing & Commissioning of Direct burial 14 Awg x 2 Maxi cable with PVC insulated UL standard 493 with impregnated polyethene jacket and soft annealed tin coated copper confirming to ASTM B-33 for two way communication between decoder controller and decoders complete. | Rm | 1250 | 175.00 | 218750.00 |
| 6.02 | Supply,Fixing & Commissioning of PVC pipe 25mm-10 kg/cm² including fittings and accessories | Rm | 1250 | 60.00 | 75000.00 |

| | | | | |
|---------------------|---|-----|-------------|---------------------|
| 6.03 | Supply,Fixing & Commissioning of decoder control system outdoor rated, UV resistant,wall mount case, to support sensor decoder,turf decoders and line surgeprotectors (LSP) with options of program BACK UP AND RESTORE , cycle +soak,Raindelay,ET managers ,weather station, controlling upto 5 master valve(5water source)with diagnostic feature in wire shorttest ,voltage test at stations,ping test and with option to upgradable to IQ central control including , standard accessories complete ESP- Nos | 1 | 1,05,000.00 | 105000.00 |
| 6.07 | Supply,Fixing & commissioning of 1" Solenoid globe angle inlet Valves with fabric reinforced Nitrile diaphragm Material and rugged PVC construction ,compatible and slow closing to prevent water hammer,pressure rating upto 10.4 KSC and maximum flow of 40GPM ,max water temp. upto 42degree centigrade, with 24AC solenoid,current rating 0.41A @60Hz,coil resistance 30ohm with provision to attach PRS-Dial PGA Pressure Regulation Optional PRS-D | 12 | 2,750.00 | 33000.00 |
| 6.08 | Supply,Fixing & commissioning of 1.5" Solenoid globe angle inlet Valves with fabric reinforced Nitrile diaphragm Material and rugged PVC construction ,compatible and slow closing to prevent water hammer,pressure rating upto 10.4 KSC and maximum flow of 100GPM ,max water temp. upto 42degree centigrade, with 24AC solenoid,current rating 0.41A @60Hz,coil resistance 30ohm with provision to attach PRS-Dial PGA Pressure Regulation Optional PRS-D | 5 | 6,000.00 | 30000.00 |
| 6.09 | Supply,Fixing & commissioning of 3" Solenoid globe Valves as central shut off valve with fabric reinforced diaphragm and rugged PVC construction ,compatible and slow closing to prevent water hammer,pressure rating upto 0,7 to 10 KSC and maximum flow of 10 to 100 m3/h ,max water temp. upto 60°C with 24 VAC - 50 Hz,coil resistance 30ohm with provision to attach PRS-Dial | 1 | 25,000.00 | 25000.00 |
| 6.10 | Supply,Fixing & commissioning of PRS-DIAL to Maintain constant outlet pressure between 1.04 to6.9 KSC | 17 | 3,200.00 | 54400.00 |
| 6.11 | Supply,Fixing & commissioning of direct bury -on wire connector with strain relief ,UL486 D certified ,with waterproof silicon sealant ,fits wire from 22ga to6 ga as per specifications complete DBRY | 102 | 150.00 | 15300.00 |
| 6.12 | Supply,Fixing & commissioning of automatic rain shut off device ,latching hinge with multiple rainfall settings 5mm to 20mm UL CUL listed and CE approved complete RSD BEX | 1 | 5,000.00 | 5000.00 |
| 6.13 | Supply,Fixing & commissioning of Pump relay 24 AC PLA relay ,stabilizer 300watts | 1 | 6,500.00 | 6500.00 |
| | Submission of Shop drawing, As built drawing, Handing over documents, Training for maintenance team- 1 week after commissioning of the system and including Supervision. Transportation charges | | | 2,06,578.50 |
| Total Amount | | | | 22,72,363.50 |

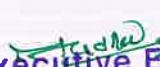
Total Amount In Words: Twenty Two Lakh Seventy Two thousand Three hundred sixty three Only.

- Note:**
1. GST will be charged extra
 2. Payment terms : 50% in advance, 40% on running bills , remaining after completion of work
 3. power required for the work should be supplied by the client
 4. Any core cutting And road cutting work is not included

Date: 18/04/2019


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru

For Annal Electricals

Executive Engineer
Mangaluru Smart City Limited,
Mangaluru

Name of Work : Sculptural works

| Sl.no | Description | Unit | Length | Breadth | Area | Rate /sq.m | Amount |
|-------|--|-------------|--------|---------|--------|------------------|---------------------|
| 1 | Cement concrete wall mural work | | | | | | |
| a. | West plaza -Toilet wall | 1 | 9.74 | 1.8 | 17.532 | 7500 | 1,31,490.00 |
| | East plaza - Toilet wall | 1 | 8.1 | 1.8 | 14.58 | 7500 | 1,09,350.00 |
| | East plaza wall mural 1 | 1 | 9.1 | 1.65 | 15.015 | 7500 | 1,12,612.50 |
| | East plaza wall mural 2 | 1 | 5.6 | 1.6 | 8.96 | 7500 | 67,200.00 |
| | Central plaza wall mural 1 | 1 | 12.39 | 1.5 | 18.585 | 7500 | 1,39,387.50 |
| | Central plaza wall mural 2 | 1 | 5.79 | 1.5 | 8.685 | 7500 | 65,137.50 |
| | Central plaza wall mural 3 | 1 | 5.79 | 1.5 | 8.685 | 7500 | 65,137.50 |
| | Central plaza wall mural 4 | 1 | 11.95 | 1.5 | 17.925 | 7500 | 1,34,437.50 |
| | Central plaza wall mural 5 | 1 | 5.79 | 1.5 | 8.685 | 7500 | 65,137.50 |
| | Central plaza wall mural 6 | 1 | 12.24 | 1.5 | 18.36 | 7500 | 1,37,700.00 |
| | | Unit | | | | Rate/unit | Amount |
| 2 | Granite sculpture - 4' height | | | | | | |
| | Base - 3' x 3' x 4' | 1 | | | | 600000 | 6,00,000.00 |
| 3 | Fountain | | | | | | |
| | Supplying and Installing of fountain pump(0.5-1hp), underwater RGB lights(2-4 Nos.), nozzles, UPVC pipes, fittings, valves and other | 6 | | | | 180000 | 10,80,000.00 |
| | Supplying and Installing of fountain pump(2-3hp), underwater RGB lights(8-12 Nos.), nozzles, UPVC pipes, fittings, valves and other | 1 | | | | 290000 | 2,90,000.00 |
| | | | | | | SUBTOTAL | 29,97,590.00 |

Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Assistant Engineer
Mangaluru Smart City Limited
Mangaluru

Tensile Roof

| Sl.no | Description | Area (Sqm) | Rate /sq.m | Amount |
|-------|--|------------------------------|--------------------------------|-------------------------|
| | Structural Steel , tensile fabric and 1 other accessories as per design | 623.78 630 | 5993.32 5000 | 37,38,513.15 |
| | | | GST | 6,72,932.00 |
| | | | r/o | -0.15 |
| | | | TOTAL | 44,11,445.00 |

31,50,000/-

= 31,50,000/- (Including GST)



**Assistant Engineer
Mangaluru Smart City Limited
Mangaluru**



**Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru**



**Executive Engineer
Mangaluru Smart City Limited
Mangaluru**

Signboards

| SI.No | Item Description | Unit | Quantity | Rate | Amount |
|-------|---|------|----------|--------------|------------------|
| 1 | Granite Plaques 20 MM Black Granite with inscription on it (Deep Engraving) as per specified design & matter | Sqm | 4.18 | 4414 | 18450.52 |
| 2 | ACP Signs 3 MM Brush Steel ACP with Vinyle sticker pasted on it as per specified design & matter | Sqm | 33 | 2370.75 | 78234.75 |
| 3 | S.S Signs - 304 Grade 20 SWG S.S Sheet with Letters cut in it as per specified design & matter | Sqm | 2 | 2452.5 | 4905 |
| 4 | Glow Signs (With LED) G.I Frame structure - ACP at all the outer sides - Acrylic letters with front glow - Samsung LED lights with Transformers | Sqm | 8.36 | 8502 | 71076.72 |
| | | | | TOTAL | 172666.99 |

Play area Equipments

| SI.No | Item Description | Unit | Quantity | Rate | Amount |
|-------|-------------------------|------|----------|--------------|--------------|
| 1 | Platform Slide | Each | 1 | 23100 | 23100 |
| 2 | Two seater see-saw | Each | 1 | 6300 | 6300 |
| 3 | Platform Merry go Round | Each | 1 | 17900 | 17900 |
| 4 | Double Swing | Each | 1 | 13100 | 13100 |
| | | | | TOTAL | 60400 |

Stainless Steel Equipments

| SI.No | Item Description | Unit | Quantity | Rate | Amount |
|-------|---|------|----------|--------------|---------------------|
| 1 | 120 Litre Water cooler with full stainless steel inner tank and full stainless steel outer body with 2 tap , Voltage stabilizer, water purifier, installation and other charges | Each | 6 | 53800 | 322800 |
| 2 | 30 " back panel Curved sink with Back panel- 4ftx 18" , Curved dishwasher sink with 6 ft length x 2 ft width x 33 ft height with a splash of 6 inches with 4 taps provision and | Each | 6 | 21240 | 127440 |
| 3 | drain connection | Each | 7 | 33630 | 235410 |
| 4 | Dustbin | Each | 20 | 19824 | 396480 |
| | | | | TOTAL | 10,82,130.00 |


SUBTOTAL 13,15,196.99


Precast Products

| | | | | | | |
|-----|--|------|------------------|--------|-------------------------|-------------|
| 1 | Sphere (super smooth texture) | Each | 60 95 | 5,300 | 5,03,517 | 3,18,000/- |
| 2 | Benches with backrest and no armrest | Each | 60 80 | 10,700 | 8,56,000 | 6,42,000/- |
| 3 | Planter bowl set - Type 1 | | | | | |
| 3.1 | 0.6 m | Each | 25 | 4,750 | 1,18,750 | |
| 3.2 | 0.9 m high | Each | 10 15 | 10,050 | 1,50,750 | 1,00,500/- |
| 3.3 | 1.2 m high | Each | 10 15 | 17,650 | 2,64,750 | 1,76,500/- |
| 4 | Planter bowl - Type 2 | Each | 10 | 34,500 | 3,45,000 | |
| 5 | Table and 2 benches set of length 1.2 m | Each | 30 27 | 34,800 | 9,39,600 | 6,96,000/- |
| 6 | Table and 2 benches set of length 1.5 m | Each | 20 30 | 38,600 | 11,58,000 | 7,72,000/- |
| 7 | Tall table of height 1.1 m | Each | 8 | 13,000 | 1,04,000 | |
| 8 | 8. Coping - 615 units of 1.2 m length each | Each | 615 | 1,200 | 7,38,000 | |
| 9 | Tree grate | Each | 50 | 4,600 | 2,30,000 | |
| 10 | Bollards | Each | 100 | 2,300 | 2,30,000 | |
| | | | | | 56,38,367.10 | 44,70,750/- |
| | GST@18% | | | | 10,14,906.00 | 8,04,735/- |
| | | | | | 66,53,273.10 | |

= 52,75,485/-


Assistant Engineer
Mangaluru Smart City Ltd.
Mangaluru


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Executive Engineer
Mangaluru Smart City Limited
Mangaluru

Ravi V.M.

R.K.Sculptures

Specialist in: Laterite Stone & Granite Design, Laying for Temples, Houses, Colleges

Hill Point - 1, Flat No. 504, Girinagar 8th Cross, Landlinks Township Area, Konchady, Mangalore-575008.

QUOTATION

Date:27.05.2019

To,

Pai Land Associates
Car Street
Mangalore.

Work : quotaion for Karkala Stone Scalptures work kadri park project.

| Sl.No. | Description | Amount |
|--------------|--|---------------------|
| 1 | 10' Karkala Stone Pargola Set 12 Nos. Rs.1,45,000.00/Set x 12 Nos | = 17,40,000.00 |
| 2 | Copping stone 2" thick x 1' 0" Wide Rs. 400.00/Rft x 600 Rft | = 2,40,000.00 |
| 3 | Bangalore grey Stone 20mm Thick flammed Rs.210.00/Sft - x 550 Sft | = 1,15,500.00 |
| 4 | Karkala Stone 3" Thick 6" wide vertical stone with Rs.250.00/Rft x 1200 Rft | = 3,00,000.00 |
| 5 | Laterite stone 20mm Thick cladding work Size: 1' 0" Rs.265.00/Sft x 700 Sft | = 1,85,500.00 |
| 6 | Karkala Stone 2' Dia meter round balls 40 Nos x Rs.25,000/-No | = 10,00,000.00 |
| Total | | 35,81,000.00 |

(Rupees Thirty Five Lakh Eighty One Thousand only)

Note: 1) Actual measurement is final.
2) Electricity and water supplied by the owner

Thanking you,


(Ravi V.M.)



Ravi V.M.

R. K. SCULPTURES

Specialists in
STONE & GRANITE DESIGNS FOR TEMPLES, COLLEGES, HOUSES & GARDENS

Hill Point-1, Flat No. 504, Girinagara, Landlinks Township Area, Konchady, Mangalore - 575 008

Mob.: 9620389209 Ph.: 0824 - 2240298 E-mail: puraniravi@yahoo.co.in

Date: 11.03.2019

QUOTATION

To,

Pailands Associates

Car Street

Mangalore.

Work: Quotation for karkala stone statue Sculpture work Kadri park project

Sculpture with Karkala Granite Base

4' Height statue

Base 3' x 3' x 4' Height

Total Rate Rs. 8,25,000/-

Note: 1) Electricity and water supplied by the owner

Thanking you,


(Ravi V.M)

SHARAVANA

Kabettu, Salmar,
Karkala Taluk, Udupi District

Date: 13.03.2019

QUOTATION

To,

Pai Lands Associates
Car Street
Mangalore.

Work : quotaion for Karkala Stone Scalptures work kadri park project.

| Sl.No. | Description |
|--------|--|
| 1 | 10' Karkala Stone Pargola Set Rs.2,52,000.00/Set |
| 2 | Copping stone 2" thick x 1' 0" Wide Rs. 510.00/Rft |
| 3 | Bangalore grey Stone 20mm Thick flammed cladding work Rs.245.00/Sft |
| 4 | Karkala Stone 3" Thick 6" wide vertical stone with fixing Rs.290.00/Rft |
| 5 | Laterite stone 20mm Thick cladding work Size: 1' 0" x 0' 8" Rs.292.00/Sft |
| 6 | Karkala Stone 2' Dia meter round balls Rs.31,000/-No |
| 7 | Karkala Stone 1' dia Round Piller Height 11' Rs.55,000/Nos Karkala Stone 1'3" dia Round Piller Height 11' Rs.66,000/Nos |

Note: 1) Actual measurement is final.
2) Electricity and water supplied by the owner

Thanking you,

Sharavana
SHARAVANA

SHARAVANA

Kabettu, Salmar,
Karkala Taluk, Udupi District

Date: 13.03.2019

QUOTATION

To,

Pai Land Associates
Car Street
Mangalore.

Work : quotaion for Karkala Stone statue Scalptures work kadri park project.

Ganapathi Statue with Karkala Granite Base

4' Height statue

Base 3' x 3' x 4' Height

Total Rate Rs. 10,40,000/-

Note: 1) Electricity and water supplied by the owner

Thanking you,

Sharavana
(SHARAVANA)

KARTHIK

Specialist in Stone work
Jodukatte, Miyar Post, Karkala Taluk, Udupi District.

Date: 12.03.2019

QUOTATION

To,

Pai Lands Associates
Car Street
Mangalore.

Work : quotaion for Karkala Stone Scalptures work kadri park project.

| Sl.No. | Description |
|--------|--|
| 1 | 10' Karkala Stone Pargola Set Rs.2,45,000.00/Set |
| 2 | Copping stone 2" thick x 1' 0" Wide Rs. 520.00/Rft |
| 3 | Bangalore grey Stone 20mm Thick flammed cladding work Rs.240.00/Sft |
| 4 | Karkala Stone 3" Thick 6" wide vertical stone with fixing Rs.295.00/Rft |
| 5 | Laterite stone 20mm Thick cladding work Size: 1' 0" x 0' 8" Rs.290.00/Sft |
| 6 | Karkala Stone 2' Dia meter round balls Rs.32,000/-No |
| 7 | Karkala Stone 1' dia Round Piller Height 11' Rs.58,000/Nos Karkala Stone 1'3" dia Round Piller Height 11' Rs.72,000/Nos |

Note: 1) Actual measurement is final.
2) Electricity and water supplied by the owner

Thanking you,

**KARTHIK**

KARTHIK

Specialist in Stone work
Jodukatte, Miyar Post, Karkala Taluk, Udupi District.

Date: 12.03.2019

QUOTATION

To,

Pai Land Associates
Car Street
Mangalore.

Work : quotaion for Karkala Stone statue Scalptures work kadri park project.

Ganapathi Statue with Karkala Granite Base
4' Height statue
Base 3' x 3' x 4' Height
Total Rate Rs. 9,75,000/-

Note: 1) Electricity and water supplied by the owner

Thanking you,

Karthik
(KARTHIK)

GOPAL BOVI

Kukundar (Post), Near Garodi, Form Road, Ayappa Nagar,
Karkala, Udupi Dist (D.K) Pincode:-576117

Phone No:- 9901569451, 6362474128

Date:30.05.2019

To,

MSCL

Mangalore Smart City Ltd

Quotation

| Particular | No | Rate | Amount |
|--------------|----|-------------|-----------|
| Coloumn | 4 | 18000.00/No | 72000.00 |
| Beam 6''x6'' | 7 | 650/RF | 45500.00 |
| Beam 6''x9'' | 2 | 750/RF | 15000.00 |
| | | | 132500.00 |
| Add 12% GST | | | 15900.00 |
| Total Rs. | | | 148400.00 |

Power Connections and labour sheds require

One Lakh Forty Eight Thousand Four Hundred Only/-

Signature





Ravi V.M.

R. K. SCULPTURES

Specialists in
STONE & GRANITE DESIGNS FOR TEMPLES, COLLEGES, HOUSES & GARDENS

Hill Point-1, Flat No. 504, Girinagara, Landlinks Township Area, Konchady, Mangalore - 575 008

Mob.: 9820389209 Ph.: 0824 - 2240298 E-mail: puraniravi@yahoo.co.in

Date: 31.05.2019

QUOTATION

To,

Mangaluru Smart City Limited
Mangalore.

Work : Karkala Stone Round Pargola.

| Sl.No. | Description | Qty/Unit | Rate | Amount |
|-----------|--------------------------------|----------|----------|--------------|
| 1) | 0.45 mtr Dia x 5.75 mtr Height | 10 Nos. | 96000.00 | 9,60,000.00 |
| 2) | 0.45 Mtr Dia x 4.75 mtr Height | 10 Nos. | 78500.00 | 7,85,000.00 |
| TOTAL RS. | | | | 17,45,000.00 |

(Rupees Seventeen Lakh Fourty Five Thousand only)

(Ravi V.M.)

KARTHIK

Specialist In Stone work
Jodukatto, Mlyar Post, Karkala Taluk, Udupi District.

Date: 28.05.2019

QUOTATION

To,

Mangaluru Smart City Limited
Mangalore.

Work : Karkala Stone Round Pargola.

| Sl.No. | Description | Qty/Unit | Rate | Amount |
|--------|--------------------------------|----------|------------------|---------------------|
| 1) | 0.45 mtr Dia x 5.75 mtr Height | 10 Nos. | 109000.00 | 10,90,000.00 |
| 2) | 0.45 Mtr Dia x 4.75 mtr Height | 10 Nos. | 92000.00 | 9,20,000.00 |
| | | | TOTAL RS. | 20,10,000.00 |

(Rupees Twenty Lakh Ten Thousand only)

Karthik
(KARTHIK)

SHARAVANA

Kabettu, Salmar,
Karkala Taluk, Udupi District

Date 30.05.2019

QUOTATION

To,
Mangaluru Smart City Limited
Mangalore.

Work : Karkala Stone Round Pargola.

| Sl.No. | Description | Qty/Unit | Rate | Amount |
|--------|--------------------------------|----------|-----------|--------------|
| 1) | 0.45 mtr Dia x 5.75 mtr Height | 10 Nos. | 106000.00 | 10,60,000.00 |
| 2) | 0.45 Mtr Dia x 4.75 mtr Height | 10 Nos. | 90000.00 | 9,00,000.00 |
| | | | TOTAL RS. | 19,60,000.00 |

(Rupees Nineteen Lakh Sixty Thousand only)


(SHARAVANA)

MASTER *plannery*

NEHRU NAGAR, PUTTUR - 574 203 D. K.

TIN - 29380276253

(Consulting Architects & Concrete Specialists)

K.S.T. No. 3040442-3

ESTD : 1950

Off. : 08251- 230710

Res.: 08251- 230530

Ref: MP/ 001 /2019-20

19-04-19

To,
Mangalore Smart City Limited,
Mangalore.

Dear Sir,

Sub: Quotation for providing Concrete Benches, tables etc.

Thank you for your enquiry, we quote our lowest rate for providing Concrete Benches, Tables, Bollards, Planters Bowl etc for Development works at Kadri, as detailed below.

Kadri Park Development project

| S.No. | Description | Qty | Rate | Amount |
|-------|--|---------|----------|---------------------|
| 01 | Spheres with smooth texture finish with epoxy coating: 0.6M diameter | 95 Nos | 5,300/- | 5,03,500.00 |
| 02 | Providing Concrete Bench: 1.5M x 0.45M x 0.60M With back rest and without arm rest. | 120 Nos | 10,700/- | 12,84,000.00 |
| 03 i | Planters Bowl set – type 1 of height: 0.6M | 25 Nos | 4,750/- | 1,18,750.00 |
| ii | Planters Bowl set – type 1 of height: 0.9M | 15 Nos | 10,050/- | 1,50,750.00 |
| iii | Planters Bowl set – type 1 of height: 1.2M | 15 Nos | 17,650/- | 2,64,750.00 |
| 04 | Planters Bowl set – type 2 | 10 Nos | 34,500/- | 3,45,000.00 |
| 05 | Providing Concrete Table: 1.2M x 0.80M x 0.75M and 2 Nos bench: 1.2M x 0.75M x 0.45M | 35 Sets | 34,800/- | 12,18,000.00 |
| 06 | Providing Concrete Table: 1.5M x 0.80M x 0.75M and 2 Nos bench: 1.5M x 0.75M x 0.45M | 40 Sets | 38,600/- | 15,44,000.00 |
| 07 | Providing Concrete Tall table: 1.2M x 1.1M x 0.75M | 08 Nos | 13,000/- | 1,04,000.00 |
| | C/F | | | 55,32,750.00 |

Manufacturers of : Unique Cement Concrete Products like Water Tanks, Well Rings, Door & Window Frames, Lintels & Sunshades, Slabs and Pipes of different sizes and R.C.C. Name Boards and Concood Furniture.

| | | | | |
|--|---|---------|---------|---------------------|
| | B/F | | | 55,32,750.00 |
| 08 | Providing Concrete Coping of height: 1.1M | 615 Nos | 1,200/- | 7,38,000.00 |
| 09 | Providing Concrete Tree grate: 1.2M | 50 Nos | 4,600/- | 2,30,000.00 |
| 10 | Concrete Bollards: 0.75M height, 0.20M dia | 100 Nos | 2,300/- | 2,30,000.00 |
| | | | | 67,30,750.00 |
| | GST @ 18% | | | 12,11,535.00 |
| | | | | 79,42,285.00 |
| Rupees Seventy nine lakh forty two thousand two hundred eighty five only | | | | |


Terms and conditions:

1. Above rate includes transportation, loading and unloading, fixing at site etc. complete.
2. Payment 50% advance with order, balance before the dispatch of items.
3. Above rate valid up to 60 days.

Expecting your order.

Thanking you,

Yours faithfully,
For Master Plannery,


Proprietor

newline INDUSTRIES

TIN : 29110091471

K.S.T.No. 3653302-6

ESH ESTATE, Neerpaje Road
Bannur Post, PUTTUR D.K.

C.S.T.No. 3237025-3

Ref. GST No: 29AABFN3636Q1ZP

Date 19-04-19

To,
Mangalore Smart City Limited,
Mangalore.

Dear Sir,

Sub: Quotation for providing Concrete items.

Thank you for your enquiry, we quote our lowest rate for providing Concrete items like Benches, Tables, Bollards, Planters Bowl etc for Development works at Kadri, as detailed below.

Kadri park Development Project

| S.No. | Description | Qty | Rate | Amount |
|-------|---|---------|----------|---------------------|
| 01 | Spheres with smooth texture finish with epoxy coating: 0.6M diameter | 95 Nos | 6,445/- | 6,12,275.00 |
| 02 | Providing Concrete Bench: 1.5M x 0.45M x 0.60M With back rest and without arm rest. | 120 Nos | 13,010/- | 15,61,200.00 |
| 03 i | Planters Bowl set - type 1 of height: 0.6M | 25 Nos | 5,770/- | 1,44,250.00 |
| ii | Planters Bowl set - type 1 of height: 0.9M | 15 Nos | 12,215/- | 1,83,225.00 |
| | C/F | | | 25,00,950.00 |

| | B/F | | | 25,00,950.00 |
|--|--|---------|----------|---------------------|
| iii | Planters Bowl set - type 1 of height: 1.2M | 15 Nos | 21,450/- | 3,21,750.00 |
| 04 | Planters Bowl set - type 2 | 10 Nos | 41,935/- | 4,19,350.00 |
| 05 | Providing Concrete Table: 1.2M x 0.80M x 0.75M and 2 Nos bench: 1.2M x 0.75M x 0.45M | 35 Sets | 42,295/- | 14,80,325.00 |
| 06 | Providing Concrete Table: 1.5M x 0.80M x 0.75M and 2 Nos bench: 1.5M x 0.75M x 0.45M | 40 Sets | 46,920/- | 18,76,800.00 |
| 07 | Providing Concrete Tall table: 1.2M x 1.1M x 0.75M | 08 Nos | 15,800/- | 1,26,400.00 |
| 08 | Providing Concrete Coping of height: 1.1M | 615 Nos | 1,455/- | 8,94,825.00 |
| 09 | Providing Concrete Tree grate: 1.2M | 50 Nos | 5,585/- | 2,79,250.00 |
| 10 | Concrete Bollards: 0.75M height, 0.20M dia | 100 Nos | 2,785/- | 2,78,500.00 |
| | | | | 81,78,150.00 |
| Rupees Eighty one lakh seventy eight thousand one hundred fifty only | | | | |

Terms and conditions:

1. Above rate includes transportation, loading and unloading, fixing at site etc. complete.
2. Payment 50% advance with order, balance before the dispatch of items.
3. Above rate valid up to 60 days.

Expecting your order.

Thanking you,

Yours faithfully,
For Newline Industries,

Rethanand.
Managing Partner

GSTIN : 29AJLPP3834F1ZW

DECCAN DEAL

TIN : 29700362019

NEHRU NAGAR, PUTTUR D.K.

Ref :

Date :

19-04-19

To,
Mangalore Smart City Limited,
Mangalore.

Dear Sir,

Sub: Quotation for providing Concrete items.

Thank you for your enquiry, we quote our lowest rate for providing Concrete items like Benches, Tables, Bollards, Planters Bowl etc for Development works at Kadri, as detailed below.

Kadri park Development Project

| S.No. | Description | Qty | Rate | Amount |
|-------|---|---------|----------|--------------|
| 01 | Spheres with smooth texture finish with epoxy coating: 0.6M diameter | 95 Nos | 5,560/- | 5,28,200.00 |
| 02 | Providing Concrete Bench: 1.5M x 0.45M x 0.60M With back rest and without arm rest. | 120 Nos | 11,240/- | 13,48,800.00 |
| 03 i | Planters Bowl set - type 1 of height: 0.6M | 25 Nos | 4,980/- | 1,24,500.00 |
| | C/F | | | 20,01,500.00 |

| | | | | |
|---|--|---------|----------|--------------|
| | B/F | | | 20,01,500.00 |
| ii | Planters Bowl set - type 1 of height: 0.9M | 15 Nos | 10,550/- | 1,58,250.00 |
| iii | Planters Bowl set - type 1 of height: 1.2M | 15 Nos | 18,540/- | 2,78,100.00 |
| 04 | Planters Bowl set - type 2 | 10 Nos | 36,245/- | 3,62,450.00 |
| 05 | Providing Concrete Table: 1.2M x 0.80M x 0.75M and 2 Nos bench: 1.2M x 0.75M x 0.45M | 35 Sets | 36,550/- | 12,79,250.00 |
| 06 | Providing Concrete Table: 1.5M x 0.80M x 0.75M and 2 Nos bench: 1.5M x 0.75M x 0.45M | 40 Sets | 40,550/- | 16,22,000.00 |
| 07 | Providing Concrete Tall table: 1.2M x 1.1M x 0.75M | 08 Nos | 13,650/- | 1,09,200.00 |
| 08 | Providing Concrete Coping of height: 1.1M | 615 Nos | 1,250/- | 7,68,750.00 |
| 09 | Providing Concrete Tree grate: 1.2M | 50 Nos | 4,820/- | 2,41,000.00 |
| 10 | Concrete Bollards: 0.75M height, 0.20M dia | 100 Nos | 2,405/- | 2,40,500.00 |
| | | | | 70,61,000.00 |
| | GST @ 18% | | | 12,70,980.00 |
| | | | | 83,31,980.00 |
| Rupees Eighty three lakh thirty one thousand nine hundred eighty only | | | | |

Terms and conditions:

1. Payment 50% advance with order, balance before the dispatch of items.
2. Above rate valid up to 60 days.

Expecting your order.

Thanking you,

Yours faithfully,
For Deccan Deal,



Proprietor



ValueB Infraa

#306/A, 5th Main Road, 4th Phase, Peenya
Industrial Area, Bangalore – 560058

Customer Service: 9742516655

info@valuebinfraa.com

www.valuebinfraa.com

TECHNO COMMERCIAL PROPOSAL

| | | |
|-----------------------------|---|---|
| Reference: VBI/486/18-19 | Revision: 01 | Date: 08.05.2019 |
| From: Ramesha Sharman | Mobile No: + 91 99161 29122 | Email: ramesh@valuebinfraa.com |
| Kind Attn: Mr. | Mob no: + 91 824-2495651 | Email: pailands@gmail.com |
| Project Location: Mangalore | Application: MS Structure with Tensile Roof | Project: |

Dear Sir,

Thank you for giving us an opportunity to provide a proposal for MS Structure with Tensile roof for the proposed cafeteria. We would like to give you a brief synopsis about our company, product and services offered.

ValueB Infraa an ISO 9001:2008 firm having its manufacturing units & Office in Bangalore, with over 150 skilled Manpower having end to end infrastructure for design, fabrication and installation of any type of steel structure and cladding. ValueB Infraa having expertise to offer complete range of solutions for building and construction Industry namely:

- 1. Steel Structure Design, Fabrication and Installation for Pre-Engineered Buildings, Composite Steel Building, Architectural structures, Mezzanine Floors with deck slabs, Railings, Steel Staircase, Connecting Bridge, Space Frame Systems and all other types of steel structures. Design is offered based on IS standards and strict adherence to building codes.**
- 2. All types of Roofing and Cladding Material: skylights with Polycarbonate, Glass, Galvalume Sheets, Zinc Sheets and Aluminium Standing seam sheets.**
- 3. Tensile Membrane Structure – Complete range of tensile structures with concept, design, manufacturing and installation.**
- 4. Civil Design & Construction – We offer total turnkey solution with civil works for Pre-Engineered Building and Composite Steel Buildings including Electrical and Plumbing works.**
- 5. Interior Works – A division of ValueB Infraa having specialization in all types of interior designing and works. We offer modifications & refurbishments of existing buildings.**

ValueB Infraa takes pride in announcing 60% of its revenue is generated from repeat customers which speaks for itself the customer focus, our quality and timely completion of projects.

Safety as a Culture: The safety of our employees and customers is of our prime importance which is visible across all platforms which include design, products, and production and at installation sites. We have implemented very high safety standards, training manpower and strict adherence to statutory norms like Minimum wages act, ESI, PF and necessary insurance cover separately for specific projects.

We are confident that you will find our proposal in line with your expectation. If you have any queries, please don't hesitate to contact me. The undersigned, backed by the entire ValueB Infraa organization, will be responsible for all activities related to this project. Starting from submission of our offer to the satisfactory handing over of the project, the undersigned will be your single point contact.

We thank you once again for opportunity given to participate in your prestigious project and look forward to receiving your valued order.

Yours Sincerely,

For ValueB Infraa

CLIENT: M/s. PAILANDS ASSOCIATES
APPLICATION: CONE TYPE TENSILE ROOFING STRUCTURE

| WORK / MATERIAL SPECIFICATIONS | | |
|--------------------------------|---|---|
| SL NO. | ITEMS | SPECIFICATIONS |
| 1 | PLAN AREA | : 1723 SFT |
| 2 | ROOF FABRIC AREA | : 2238 SFT |
| 3 | MS STRUCTURE | : PIPES/TUBES OF TATA/APPOLLO/JINDAL AND PLATES OF SAIL OR EQUIVALENT MAKE |
| 4 | TENSILE FABRIC | VALMEX FR 900 MEHATOP F- Type II FABRIC WEIGHT: 890 g/m² TENSILE STRENGTH (WARP/WEFT): 4300/4000 N/50 mm TEAR STRENGTH (WARP/WEFT): 500/480 N TYPE OF COATING: PVC FINISH: PVDF-TEMPERED LACQUER ON TOP SIDE, PROTECTED AGAINST MICROBAL AND FUNGAL ATTACK, UV-PROTECTED, LOW-WICK. |
| 5 | PAINTING AND FINISHES OF STRUCTURAL STEEL | : THE PRIMARY AND SECONDARY STEEL SHALL BE DULY FINISHED BY APPLYING OF ONE COAT OF EPOXY PRIMER AND TWO COATS OF ENAMEL PAINT. |
| 6 | CONNECTION BOLTS | : EN 10, HIGH TENSION CONNECTION BOLTS OF UNBROKE MAKE |
| 7 | OTHER ITEMS | : ALUMINIUM FLATS, SD SCREWS, WIRE ROPE & SILICON SEALANTS |
| 8 | WELDING TYPE | : MIG / ARC/ TIG WELDING |
| 9 | CUTTING | : SHEAR CUTTING/LASER CUTTING MACHINES /GAS OR FLAME CUTTING MACHINE |

| IN SCOPE | CUSTOMER'S SCOPE |
|---|---|
| 1. Design, Analysis and Detailed Drawings | 1. Uninterrupted Power and water supply |
| 2. Procurement & Fabrication Works | 2. Necessary Approvals |
| 3. Installation Work at Site | 3. All Civil Works |
| 4. Tools and Machineries | |
| 5. Primer and Painting | |
| 6. Site Clearance and Handover | |
| 7. Loading & Unloading, Lifting & scaffoldings at site. | |
| 8. Transportation | |

CLIENT: M/s. PAILANDS ASSOCIATES
APPLICATION: CONE TYPE TENSILE ROOFING STRUCTURE

DESIGN CONSIDERATIONS

- 1) STEEL DESIGN AND CONSIDERATION: IS800: 2007
- 2) DEAD LOAD: IS 875 :1987 PART1
- 3) LIVE LOAD: IS 875 :1987 PART 2
- 4) WIND LOAD: IS 875: 1987 PART 3
- 5) SAFETY FACTOR: AS PER IS800: 2007

Fabrication & Installation -

- IS800 : 2007- Code of practice for use of Structural Steel in General building construction
- IS816 - Code of practice for use of Metal arc welding in general construction of Mild steel

Structural Analysis report shall be provided at specific request. ValueB Infraa undertakes guarantee for construction of structure in compliance with IS Standards.

ValueB Infraa undertakes guarantee of 5 Years for its workmanship and extend back to back manufacturer's warranty for type of MS materials used, Roofing and Cladding Sheets, and quality of material and method of Installation.

PLAN AND PREPARE

- Work instructions, including plans, specifications, quality requirements and operational details are obtained, confirmed and applied.
- Safety requirements are followed in accordance with safety plans and policies.
- Tools and equipment selected to carry out tasks are consistent with the requirements of the job.
- Material quantity requirements are calculated in accordance with plans and / or specifications.
- Materials appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use.

CLIENT: M/s. PAILANDS ASSOCIATES
APPLICATION: CONE TYPE TENSILE ROOFING STRUCTURE

1. **VALIDITY:** Our offer is valid for your acceptance for a period of 07 days from the date of this offer and thereafter subject to our written confirmation.
2. **COMPLETION PERIOD:** The completion period for the project will be 45 Days from the date of Technically and Commercially Clear Work Order and receipt of advance.
3. **VARIATION IN SCOPE OF WORK:** If there are any additions or changes to the scope of work outlined in our proposal and its Annexure, the value of the Contract will be enhanced accordingly and payment will be made in accordance with the terms of payment outlined in this proposal.
4. **GST:** The quoted Rates is Exclusive of GST. Whereas as per the new Taxes GST Registration we are liable to charge 18% GST on the Basic Order Value and mentioned and depicted in our price schedule. Any change in the mentioned taxes or introduction of New Taxes / Duties / Levies due to any legislation, notification, interpretation at the time of execution will be payable extra to us by you.
5. **COMPREHENSIVE GUARANTEE:** Subject to all terms of payments punctually complied with, we offer comprehensive workmanship and material Guarantee for a period of five years against quality of materials used and water tightness and there shall be no retention clause as defective liability period. The warranty does not extend to consequential damage or losses, normal wear & tear. Routine maintenance shall be your responsibility and strictly as per our Manual.
6. **TERMS OF PAYMENT:** We request you to agree upon the following terms of payment for the project. We have considered the same while arriving at the quoted price of the project.
7. **DISPUTE:** Any disputes whatsoever relating to this contract unless amicably settled shall be referred to two arbitrators, each holding a responsible position in a firm or company which is a member of Karnataka Chamber of commerce and Industry, one to be appointed by each party to the dispute. The arbitrators, shall before proceeding with arbitration, nominate an umpire qualified Says above mentioned and in the event of their inability to agree to an umpire, the arbitrators will request the President of Karnataka Chamber of Commerce and Industry to recommend an Umpire and the Umpire suggested by the said president may be chosen by the two arbitrators. The arbitration will be held in accordance with the provisions of Indian Arbitration Act, 1996 and subsequent amendments.
8. **TITLE OF GOODS:** The transfer of property in goods would be deemed to have taken place from us to the owners on receipt of full payment including taxes, duties etc., for all items, till which time we will have the lien of the goods as unpaid vendor
9. **LD CLAUSE:** If by reason of war, hostilities, strikes, lockouts, embargoes, water ways being ice bound or any act of god, the fulfilment of this contract becomes impossible, the contract shall be deemed to be NULL & VOID and no liability shall attach to either party. However, we will be paid fully for whatever work has already been done and for the materials ordered or delivered at site.
10. **CANCELLATION OF ORDER:** If customer decides to cancel the order for reason other than non-performance of order terms by ValueB, Customer will be liable to pay for the extent of work done/ processed materials with applicable taxes.

CLIENT: M/s. PAILANDS ASSOCIATES
APPLICATION: CONE TYPE TENSILE ROOFING STRUCTURE

| PRICE SCHEDULE | | | | | |
|--------------------------|---|-----|------|--------|---------------------|
| SL. NO | DESCRIPTION | UOM | QTY | RATE | AMOUNT |
| 1 | STRUCTURAL STEEL: Design, supply, fabricating and erecting in position Structural Steel Members consisting of hollow section columns, runners, base plates, Mechanical anchor bolts., complete Including welding, lifting, aligning in the position, etc., complete as per approved drawing and design, duly finished with one coat of Epoxy primer and two coats of approved colour enamel paint. | | | | |
| 2 | TENSILE FABRIC: Patterning, seaming, supply & installation of Mehler FR – 900 Type II tensile fabric for roofing with UV protection and top side lacquer coated. | SFT | 2238 | 557.00 | 12,46,566.00 |
| 3 | ACCESSORIES: Supply & fixing of Aluminium extrusions for clamping fabric to surface of steel structure with bolts for fixing, bitumen or silicon washers to ensure water tightness. | | | | |
| 4 | Supply & fixing of Galvanized accessories which includes Cables, End plates, Sockets, Tensioners & Hardwares. | | | | |
| BASIC VALUE | | | | | 12,46,566.00 |
| SGST @ 9% ON BASIC VALUE | | | | | 1,12,191.00 |
| CGST @ 9% ON BASIC VALUE | | | | | 1,12,191.00 |
| GRAND TOTAL | | | | | 14,70,948.00 |

GRAND TOTAL: RS. 14,70,948.00

(Amount in words: Fourteen Lakhs Seventy Thousand Nine Hundred Forty Eight Only)

Note:

- The above work will be having warranty of 5 Year of Workmanship
- If the quantity varies according to site condition, Final billing shall be done as per actual measurements.

OUR COMPANY DETAILS

| |
|--|
| Payment Terms: |
| 60% Advance Payment along with Purchase Order. |
| 20% On Delivery of MS Materials at site. |
| 10% On erection of MS Structure. |
| 10% On Completion of all works and handover. |

| |
|----------------------------------|
| Our Registration Details: |
| TIN(VAT): 29161411274 |
| GSTIN: 29HGRPS2093K1ZB |
| PAN NO: HGRPS2093K |
| Service Tax: HGRPS2093K5D001 |
| ESIC: 49000336770000999 |
| PF:PYPNY10000780000 |

| |
|---|
| Account Details For Bank Transfers |
| A/C Name: ValueB Infraa |
| Bank: Axis Bank |
| A/C No: 917020051505797 |
| IFSC Code: UTIB0000560 |
| Branch: Peenya |

IMPACT BUILDING PRODUCTS

No. 17, 1st Stage, 2nd Phase, 3rd Main,
Triveni Road, Gokula, Bangalore - 560 054.
Tel/Fax: (080) 23374168
www.ibpbangalore.com



Date: 13.03.2019

Ref: IMP/-1022/18-19

To,
M/s. Pailands Associates
Car Street,
Mangalore
Email: pailands@gmail.com

Sub: Quotation for Design, supply, fabrication & installation of Tensile Roofing with supporting MS Structure.

Dear Sir,

With reference to above subject matter, please find our best offer for your kind consideration.

Assuring you our best of services at all times.

For Impact Building Product.

Authorized Signatory
(APOORVA)
95132 71589

IMPACT BUILDING PRODUCTS

No. 17, 1st Stage, 2nd Phase, 3rd Main,
Triveni Road, Gokula, Bangalore - 560 054.
Tel/Fax: (080) 23374168
www.ibpbangalore.com



MATERIALS

- 1. PVDF-900 TYPE II** VALMEX FR 900 - TYPE II,
100% WHITE COLOUR, WEIGHT OF 900 G/SQM.
- 2. EXECUTION** WE WILL BE EXECUTING THE WORK AS PER STANDARDS
USING SKILLED FABRICATORS WITH ALL REQUIRED
EQUIPMENTS AND TOOLS FOR FINE COMPLETION.
- 3. WORKS** MOST OF THE WORKS ARE DONE AT SITE DEPENDING ON
THE SITE CONDITION.
- 4. COMPLETION PERIOD** 60 DAYS FROM THE DATE OF ADVANCE.

Material + Labour

| SL.N o | DESCRIPTION | Unit | Qty | Rate / Unit [In Rs.] | Amount in Rs. |
|-----------------------------------|--|------|------|-------------------------|---------------------|
| 1. | Design, supply and erection of structural steel support which includes all necessary primary & secondary members with 2 coats of yellow primer and one coat of approved color enamel paint | Sft | 2200 | 790.00 | 17,38,000.00 |
| 2. | supply & fixing of FR 900 Mehatop F - type II tensile fabric fixed using necessary aluminum profiles, corner plates, screws & hardware. | | | | |
| TOTAL (Exclusive of taxes) | | | | | 17,38,000.00 |

Grand Total: [Material & Labour]: Rs. 17,38,000.00 (Exclusive of taxes)
(Amount Rupees: Seventeen Lakhs Thirty Eight Thousand Only)

Taxes:

- 1. GST @ 18% will be charged on the Total Value.**

IMPACT BUILDING PRODUCTS

No. 17, 1st Stage, 2nd Phase, 3rd Main,
Triveni Road, Gokula, Bangalore - 560 054.
Tel/Fax: (080) 23374168
www.ibpbangalore.com



Exclusion:

- a. *Power should be provided by the client.*
- b. *Civil & Scaffolding should be provided by the client.*
- c. *All Electrical Work shall be done by client.*

Quote no: 021-08/18-19

Date: 12.03.2019

To,
M/s. Pailands Associates
Mangalore
Email: pailands@gmail.com

Sub: Quotation for TENSILE ROOF STRUCTURE.

Dear Sir,

We are pleased to submit our offer for the proposed Tensile Fabric structure for your ready reference.

We look forward to hear from you at the earliest.

For POLYKLAD INDIA.

Authorized Signatory
9886121608

Polyklad India:

42, Industrial Suburb, Yeshwanthpur 2nd Stage, Opp. Modern Bread Factory, Bangalore – 560 022

Tel: 080- 257 2410/ 2357 2411 / 4161 1640 Fax: 23557 9879

www.polyklad.com

Terms & Conditions

- 1) **Completion Time: 50 Days from confirmed order.**
- 2) **Validity: 15 days from the date of receipt of this offer letter**

| Sl. No | DESCRIPTION | Unit | Qty | Rate / Unit [In Rs.] | Amount in Rs. |
|--------|--|------|------|----------------------|---------------------|
| 1. | Design, supply, fabrication & erection of MS structure with 2 coats of anti-corrosive Zynchromite yellow primer and one coat of approved color enamel paint. | | | | |
| 2. | Supply & fixing of Mehler valmex FR 900 - Type II, including Aluminum flats to fix fabric to steel structure, screws, plates & other accessories. | Sft | 2000 | 820.00 | 16,40,000.00 |
| | | | | Net Amount | 16,40,000.00 |
| | | | | CGST @ 9% | 1,47,600.00 |
| | | | | SGST @ 9% | 1,47,600.00 |
| | | | | GRAND TOTAL | 19,35,200.00 |

Grand Total: [Material & Labour]: Rs. 19,35,200.00
(Amount Rupees: Nineteen Lakhs Thirty Five Thousand Two Hundred Only)

NOT IN OUR SCOPE:

- a. **Power supply is not in our scope**
- b. **Any kind of Civil work is not in our scope**
- c. **Providing Scaffolding for erection is not in our scope**
- d. **Water & Electrical Work is not in our scope.**

Polyklad India:

42, Industrial Suburb, Yeshwanthpur 2nd Stage, Opp. Modern Bread Factory, Bangalore – 560 022

Tel: 080- 257 2410/ 2357 2411 / 4161 1640 Fax: 23557 9879

www.polyklad.com

1. TERMS OF PAYMENT:

We request you to agree upon the above terms of payment for the project.

- A. 80% advance,**
- B. 10% on delivery of MS Materials,**
- C. 10% on completion.**

Polyklad India:

42, Industrial Suburb, Yeshwanthpur 2nd Stage, Opp. Modern Bread Factory, Bangalore – 560 022

Tel: 080- 257 2410/ 2357 2411 / 4161 1640 Fax: 23557 9879

www.polyklad.com

DESIGN & DESIGN

Yeyyadi Leo Crasta Compound, Mangalore.

Proprietor : **DEEPAK** (Shyam)

Mob : 9845564690

Date : 15.03.2019

QUOTATION

| Sl.No. | Particulars | Rate | Per |
|--------|--|------------|--------|
| 1 | 3D, 2D Cement design art work (Any design 3D work) Include Cement, sand, Rod, Bricks, Scaffolding, Transport, digital painting. | Rs. 950.00 | Sq.ft. |
| 2 | Figure work (Any Figure Work) designed by height and width (A to Z figure work) given by Figure picture by Engineers. | | |
| 3 | Full Figure Work (Depended by Engineer) size and designed finalise rate after show the picture. | | |

(Signature)

SHRI DATTA GURU ARCHITECTS

TEMPLE ARCHITECTS, MASTER SCULPTORS,
Mob.: 9880543600 Email : anandsdga@gmail.com

Sthapati S. Anand D.T. ARCH.

Date20.03.2019

QUOTATION FOR THE PROPOSED CONSTRUCTION OF ORNAMENTAL SHILPI WORK AT KADRI PARK MANGALORE (LABOUR + MATERIALS)

| Sl No. | Description | Qty | Rate | Per | Amount |
|--------|--|-----|----------|------|--------|
| 1. | Creating Animals Like Elephant- Lion - Tiger - Cheetah - Bear - Deer - Giraffe - Kangaroo - Fox - Zebra - Black Panther brick work in cm 1:5 and plastering in cm 1:3 using with well burnt clay bricks rate including brick cutting, shaping, moulding, curing, scaffolding etc Size : 10' x 10' | | 1500/- | Rft | |
| 2. | Creating Birds like Peacock - Parrot - Himalayan Monal - Mountain Blue Bird - brick work in cm 1:5 and plastering in cm 1:3 using with well burnt clay bricks rate including brick cutting, shaping, moulding, curing, scaffolding etc Size : 10' x 10' | | 1200/- | Sft | |
| 3. | Creating Flowers like Lotus - Sun Flowers, and any other flowers brick work in cm 1:5 and plastering in cm 1:3 using with well burnt clay bricks rate including brick cutting, shaping, moulding, curing, scaffolding etc Size : 10' x 10' | | 850/- | Sft | |
| 4. | Creating Hindu Temple and Church- Mosque brick work in cm 1:3 using with well burnt clay bricks rate including brick cutting, shaping, moulding, curing, scaffolding etc Size : 10' x 10' | | 1850/- | Sft | |
| 5. | Creating Tulunadu Traditional Bootha Kola - Yakshagana - Nagamandala - Dharmanema Jumadi - Kambla - Hulivesha - Madhwacharya - Sharada Goddess - Rani Abbakka - Rani Chennamma - Koti Chennayya - Gomateshwara | | 30,000/- | Each | |

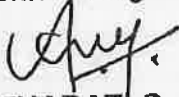
.....2

Office : "Priyadarshini Nivas", D.No. 23-12-1044/35 4th Cross, Shiva Nagar, Near Koragajja, Pandeshwara MANGALORE - 575 001

| | | | | | |
|----|---|--|---------|------|--|
| 6. | Creating Grid Border Cornice Design size 4"-5"-6"-9" brick work in cm 1:5 and plastering in cm 1:3 using with well burnt clay bricks rate including brick cutting, shaping, moulding, curing, scaffolding etc | | 350/- | Rft | |
| 7. | Creating Goddess Statues brick work in cm 1:5 and plastering in cm 1:3 using with well burnt clay bricks rate including brick cutting, shaping, moulding, curing, scaffolding etc @ HT 7'0", 8'0", 9'0", 10'0" | | 20000/- | Each | |

Thanking you

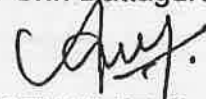
For Shri Dattaguru Architects


(STHAPATI S. ANAND)

Terms and conditions :-

1. This quotation include all construction materials like sand, cement, brick scaffolding materials G.I. Rods binding wire 6mm, 8mm rods etc
2. An accommodation with bath and kitchen is to be arranged by the client very nearer to the working site for our shilipes to stay. Rent, water and electricity at free of cost.
3. An advance of Rs. 2,00,000/- is to be paid at the time of starting the work and every Saturday Payable
4. For any additional works a separate quotation will be evaluated.
5. Painting work does not include in this rate:

For Shri Dattaguru Architects



(STHAPATI/S. ANAND)



**Ultratech Cement Ltd
Quotation**



To; M/s.Pailands associates
Address: Car street
Mangalore

Customer Code:
Quote Code ;URMC/PA/18-19/01
Quotation Date: 11-03-2019
Inquiry Name; Verbal
Inquiry Date: 08-03-19

Cell No ; 9845082290

Kind Attention: Sri M. Venkatesh Pai,
Dear Sir,

SUBJECT: Quotation for supply of UltraTech Décor concrete for your project at Kadri.

With reference to our Discussion/Meeting we are pleased to give you our offer for the following grade of concrete. This quotation is made on and is subject to the terms below.

| Sr. No; | Grade/Description(Customer Design mix) | Rate per sq.ft (Rs.) |
|----------------|---|-----------------------------|
| 1 | UltraTech Décor concrete as per the selected design & colour,with 3[#] M-30 grade concrete, | 135.00 |

: Above prices are inclusive of GST, pumping & execution.

Terms and Conditions;

- Slurry & cement bags used for priming of pipe line are in Ultratech Cement Limited scope.
- The above prices exclude the following costs
 - Cooling of concrete
 - Placing, vibration and curing of concrete.
- Basic Prices for our concrete mix design are as per the specification laid down in **IS 456:2000.**
- The Purchase order for supplies should be in the name of '**Ultratech Cement Limited**'. The purchase order should be sent to **Ultratech Cement Limited, Unit; Birla Ready mix, Plot no;1/2/3/4A,Baikampady Industrial Area, Mangalore-575011**
- Tax Invoice (Bills) of RMC will be raised by Ultratech Cement Limited based on quantity of RMC supplied through daily accepted & signed delivery challan and not on actual site measurement basis. However, if any quantity discrepancy is seen, it should be brought to our notice in writing immediately to ensure that any shortage is investigated or eliminated. No quantity discrepancy will be entertained after 24 hours.

Validity:

- This offer is valid for acceptance till next 7 days from the date of this offer for the purpose of supply after the receipt of confirmed order.
- These rates are valid till 31-03-2019.

Price Escalation:

- The quoted rate is based on raw materials and diesel at current prices.
- Any escalation in the same would be mutually discussed and agreed upon.
- For any further increase of diesel price for every Rs. 1/- hike an additional price increase of Rs 20/-Per Cum will be effected from the date of hike of diesel price.
- Any statutory increase in levies and taxes by central or state government will be to your account as actual.

Payment Terms:

- 100% Advance by Cheque or Demand Draft in favour of **Ultratech Cement Limited** payable at **Mangalore** drawn on any nationalized Bank.

Or

- In case the Credit is offered, it will be against Bank Guarantee of equivalent amount drawn on any nationalized Bank.
And interest on outstanding payments beyond due date at **18% p.a.** will be charged. Should default be made in paying any sum due, the company shall have right to suspend all further deliveries until the default is made good. Offer for credit is at the discretion of management of Ultratech Cement Limited.

Delivery:

- The **schedule of RMC** requirement to be drawn up by the client periodically and furnished to UltraTech Concrete at least **48 Hours in Advance** of the actual placement at site.
- The client shall provide proper **access roads** at works sites for the transit mixers, pumps and related equipments.
- For the RMC supply, our responsibility is to send RMC material at site. Once the material has reached the site, the pouring of material can be done at your advice.
- Since concrete is a perishable item, any unutilized concrete, after the truck has left our premises would be chargeable to you.
- We will not be able to supply during **traffic restrictions** hours as fixed by Government from time to time. In case you insist for supply during traffic restrictions hours, **you will provide us the permission** from government to ply the trucks from our plant to your sites and incase of any fines / penalties will be to your account.
- Any **idle delay** of Transit Mixer beyond specified **1.5 hours in case of dumping** shall be charged at Rs 300/- per hour or part thereof in case of dumping concrete. **If Transit Mixers are detained beyond one and half hour**, any incidental and opportunity costs arising out of chipping set material inside the drum and non usage of trucks for our regular production shall be charged to customer.
- Delivery of concrete is based on **6 Cu M** load. Any part delivery of load less than 3.0 m³ shall be subjected to an additional charge of **Rs 150/- per Cu M.**

Quality:

- The testing of concrete will be carried out to the relevant standards, at our laboratory at respective plants and at a **frequency** as mutually agreed with the customer. We are able to offer **free testing** with the facilities available at our in house laboratory.

- We **do not accept** results from any other laboratory. The customer may witness tests at random. Also we assure you of the quality of concrete and test results for 28 days of compressive strength will be provided.
- The **curing** of the concrete is the responsibility of the customer. UltraTech Concrete is no way responsible for any **plastic shrinkage or settlement cracks** as these occur primarily due to improper handling of concrete during and post settlement.

Safety:

- It is the company policy not to undertake any work, which is unsafe.
- The props (supports) for the slab must be ensured as proper & firm and loss of material due to de-shuttering would lead to wastage of concrete in your account.
- We do not own any responsibility for damage to any equipment or injury or any loss to human on this account. Our scope is limited to supply of RMC and rest responsibility lies with the customer who had placed the order for the supply of RMC.
- No other person apart from UltraTech Concrete representative is allowed within one-meter vicinity of pumps and pipeline. Customers are requested to follow this strictly by way of advance intimation to all people concerned during pour. Injuries may happen due to moving parts of pump, Hopper grills, high temperature of hydraulic units bursting or sliding of pipelines and a number of causes.
- No person other than UltraTech Concrete representative should come near one meter of transit mixers in static position. Please note that any person not following the Safety Norms / Rules / Instructions is exposing himself to risk.

Warranty Clause:

Ultratech Cement Limited warrants that the products identified are in accordance with the appropriate BIS Specifications. No one is authorized to make any modifications or addition to this warranty. Ultratech Cement Limited makes no warranty or representation; either expressed or implied with respect to this product and disclaims any implied warranty of merchantability or fitness for a particular purpose.

As Ultratech Cement Limited has not control over the other ingredients mixed with this products or the final application, Ultratech Cement Limited does not and cannot warrant the finished work.

In no event shall Ultratech Cement Limited be liable for direct, indirect, special, incidental or consequential damages arising out of the use of this product, even if advised of the possibility of such damages. In no case shall Ultratech Cement Limited's liability exceed the purchase price of this product.

SUBJECTED TO STATE'S JURISDICTION.

Force Majuro:

If the performance of obligations under this contract is prevented, restricted or interfered with by reason of any contingency, which could not have been reasonably avoided, the party so affected shall not be liable to the other for damages to the extent of such prevention, restriction or interference. Such contingency shall include but will not be limited to power cuts, equipment failures, lock outs, strikes or other concerted acts of workmen, non-availability of raw material, fire, flood, earthquake, explosion, riots, acts of God, acts of Government, Government Regulations, war

whether declared or not, or enemy action. The obligations to perform during the period of this contract shall arise again immediately upon termination of the contingency or such moderation of the contingency, so that performance is no longer prevented, restricted or interfered with.

Notwithstanding anything contained in any other Agreement, Contract or other document entered into or executed whether prior to or subsequent to this quote, the courts in the city of Mangalore shall alone have jurisdiction to try to any dispute or difference between the parties to this quote with regard to the interpretation of the terms of quote or any other matter relating to or arising out of this offer and this shall be treated as a separate contract.

Hoping you find our offer as per your requirements. In case of any further clarifications kindly give us an opportunity to elaborate the same.

It is our endeavor to provide you with the best product and services. We look forward to long lasting rewarding relationship & be a key partner in the implementation of your various projects.

Thanking You,

For Ultratech Cement Limited

Subrahmanya

(Authorized Signatory)

Mob; 9743991325/14



Toys & Sports

ISO 9001:2008 Certified



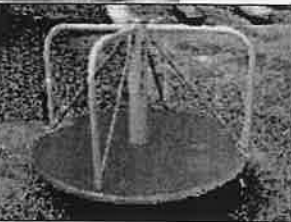

To,
Pailands Association
Mangalore

Date: 13/03/2019

Sir,

Sub: Quotation for Children Play Equipment

With reference to the above, we are pleased to quote our most competitive prices as follows:-

| Sl No | Item Description | Picture | Qty | Rate |
|-------|-------------------------|---|------|--------|
| 1. | Platform Slide |  | 1 No | 23,100 |
| 2. | Two Seater See-saw |  | 1 No | 6,300 |
| 3. | Platform Merry Go Round |  | 1 No | 17,900 |
| 4. | Double Swing |  | 1 No | 13,100 |

TOYS AND SPORTS

6. Thavarekere Main Road, D R Collage Post (Near Dairy Circle), Bengaluru 560 029. India.
Phone : +91 80 2553 6384 / 2553 5820 | Telefax : +91 80 4117 9915
Email : info@toysandsports.com | ts1976@gmail.com

Terms and Conditions



ISO 9001:2008

Official Supplier



Toys & Sports

ISO 9001:2008 Certified

1. GST @ 12 % extra.
2. Advance 60 %, balance before delivery.
3. Erection supervision charges extra, you have to provide sand, jelly, cement and labour.
4. Transportation charges extra.
5. Delivery period 2 weeks.

For Toys & Sports

S.Madhuranath
C.E.O

TOYS AND SPORTS

6, Thavarekere Main Road, D R Collage Post (Near Dairy Circle), Bengaluru 560 029, India.
Phone : +91 80 2553 6384 / 2553 5820 | Telefax : +91 80 4117 9915
Email : info@toysandsports.com | toysandsports1976@gmail.com



ISO 9001:2008

Official Supplier



VISHWAS

Shutter gates
Collapsible gates

ROLLING SHUTTERS For Shops, Warehouses, Jewellers etc.

Mobile : 98451 18383
Ph : Off : 0824 - 2420316
Factory : 08258 - 237787
E-mail : uvishwas@gmail.com
GSTIN : 29AAIPF9495L1ZU

D.No. 11-8-717, Behind H.P Petrol Pump, Mission Street, Bunder, Mangalore - 575001

TO,

Date:-13/03/2019

M/S PAILAND ASSOCIATES

MANGALORE

QUOTATION

Sir,

With reference to the rolling shutter required for Kadri Park complex,
we are pleased to quote you our lowest rates as below:-

size=2.8mtr.W. x 3 mtr.HT.=8.4sqmtr x Rs. 2080 /-per sq mtr.

for 20G.STANDARD ROLLING SHUTTER . Rs. 17,472.00

for 61 no shutters - Rs.17,472 x 61 Rs. 10,65,792

For 18G.shutters- 8.4sqmtr x Rs.2300/-per sqmtr-Rs. 19,320

For 61 nos shutters- 19,320 x 61= Rs. 11,78,520

(including installation and transportation charges)

NOTE:- GST 18% APPLICABLE

Anticipating your valuable order.

Thanking you,

Yours faithfully,

For Vishwas Rolling Shutters


Umar Farooq Puthige

PROPRIETOR



VISHWA SALES CORPORATION

COMMERCIAL OFFER

| Type | Description | Price | QTY | AMT | GST |
|--------------------|---|-------|-----|---------|-----|
| Street Light | PHILIPS SMARTBRITE 35W street light | 3400 | 35 | 119000 | 12% |
| | PHILIPS SMARTBRITE 72W street light | 5250 | 95 | 498750 | 12% |
| | Bajaj 72W Edge Series LED Street Light | 4900 | 95 | 465500 | 12% |
| | Bajaj 45W Edge Series LED Street Light | 4250 | 35 | 148750 | 12% |
| Flood Light | PHILIPS 50W LED flood light | 3580 | 120 | 429600 | 12% |
| | Luker LED Flood Light 50W 5000lm LFSL50 | 2120 | 120 | 254400 | 12% |
| Post Top | PHILIPS BGP161 LED2500 post top lantern | 10500 | 110 | 1155000 | 12% |
| | Luker LPL430 40 w post top | 7900 | 110 | 869000 | 12% |
| | Crompton 40W Maple Decorative LED Post Top | 7800 | 110 | 858000 | 12% |
| Walkover | PHILIPS BBP330 9xLED HP/NW walkover light | 14500 | 225 | 3262500 | 12% |
| | Luker LUW12R walkover light | 8500 | 225 | 1912500 | 12% |
| | PHILIPS BBP330 9xLED HP/NW walkover light | 7500 | 225 | 1687500 | 12% |
| Solar street light | 40W 4000lm All In One Solar Street Light | 43800 | 35 | 1533000 | 5% |
| | 80W 8000lm All In One Solar Street Light | 48900 | 95 | 4645500 | 5% |
| Bulkheads | Luker LODCLSE-27 18 w Bulkhead | 1800 | 40 | 72000 | 12% |
| | Philips Endura LED Bulkhead 9 w | 1200 | 40 | 48000 | 12% |
| Bollard | Philips City Cube Bollard U | 8000 | 30 | 240000 | 12% |
| | Philips LED Bollard BCP 150 | 7500 | 30 | 225000 | 12% |
| | Luker LOBRT 70 12w | 4000 | 30 | 120000 | 12% |
| LED Batten | Philips 20 w Slim Line Next | 320 | 60 | 19200 | 12% |
| | Luker 20 w LED Batten | 250 | 60 | 15000 | 12% |
| | Crompton 20 w LED Batten | 300 | 60 | 18000 | 12% |
| Pergola light | Philips Smart Brite Waterproof Batten 4 ft | 3000 | 60 | 180000 | 12% |
| High Mast Light | Crompton Greaves Waterproof Batten 4 ft | 3250 | 60 | 195000 | 12% |
| | BAJAJ 350W flood light for high mast | 22500 | 12 | 270000 | 12% |
| | Crompton Greaves 350W flood light high mast | 24800 | 12 | 297600 | 12% |
| | PHILIPS 350W flood light for high mast | 32800 | 12 | 393600 | 12% |

Note:

Pole 5-6 metre is Excluded .

Price quoted is for delivery only

Price valid as on USD exchange rate today, any increase will reflect in the billed final rates

GENERAL TERMS AND CONDITIONS

| PAYMENT TERMS | | |
|----------------------|-------------|--|
| PHASE I | 80% | Advance with order confirmation |
| PHASE II | 20 % | On Delivery |

Jackson Nursery

Greens Compound, Balmata Road, Mangalore-1

To.

M/s Pai land Associates ,

Car street Mangalore.

14.03.2019

Sir,

Sub; Quotation for supply of Mexican carpet lawn - reg

As discussed personally we are glad to quote our lowest rate as under

| S.no | Perticular | Qty | Rate | Amount |
|------|--|----------|-------|-------------|
| 1 | Supply of well grown Mexican carpet lawn in carpet form. Inclusive of delivery of the same at site in Mangalore. | 2000 sqm | 210/= | 4,20,000.00 |

Thanking you,

Kind regards


Jackson nursery

Jackson Nursery

Greens Compound, Balmata Road, Mangalore-1

To.

M/s Pal land Associates ,

Car street Mangalore.

14.03.2019

Sir,

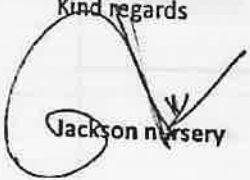
Sub; Quotation for supply of Mexican carpet lawn - reg

As discussed personally we are glad to quote our lowest rate as under

| S.no | Perticular | Qty | Rate | Amount |
|------|--|----------|-------|-------------|
| 1 | Supply of well grown Mexican carpet lawn with laying in 6" top garden soil | 2000 sqm | 410/= | 8,20,000.00 |

Thanking you,

Kind regards


Jackson nursery

PREMIER SAFETY SOLUTIONS

Dealers In: Waste Bins & Road Safety Products

Ref: PSS/SAP/11-05/89/113

Date: 14-03-2019

To,

Mangaluru Smart City Limited

Reference: Kadri Park Road

Subject: Quote for supply of Waste Bins

| SL No. | Product | Unit | Quantity | Price(Rs.) |
|--------|---|------|----------|------------|
| 1 | FRP RECYCLING BIN MODEL: QUARTZ 400 L C/W INDIVIDUAL LINER L 1580 X D 400 X H 800 (mm) | Nos. | 1 | 41250.00 |
| 2 | FRP RECYCLING BIN MODEL : TREZ 300L C/W INDIVIDUAL LINER L 1180 X D 400 X H 800 mm | Nos. | 1 | 31500.00 |
| 3 | FRP RECYCLING BIN MODEL: DOZ 200L C/W INDIVIDUAL LINER 790L x 400 D x 800(H) mm | Nos. | 1 | 23250.00 |
| 4 | TWO-WHEELED HDPE PLASTIC INJECTION MOULDED WASTE HANDLING BIN MODEL: MGB 360L | Nos. | 1 | 6000.00 |

Terms & Conditions:

1. Attached in this quote below the images of the product.
2. GST Extra as applicable at the time of placing orders.
3. Payment Terms shall be informed at the time of placing order.
4. Delivery Timeline: Within 1 week from the date of receipt of Purchase Order.

While thanking you, we assure our *best services with quality products* at all times.

Yours truly,

For PREMIER SAFETY SOLUTIONS,


Authorized Signatory 

#A9, First Floor, "SHRI LAXMI", D. No. 13-10-1299/7, V. T. Road, Mangalore - 575001
GSTIN: 29AWUPB7382C1Z6 Email: pss.mangalore@gmail.com Cell: 9844603237

OLYMPUS REFRIGERATION INC.,

POST BOX NO. 1006, YEYYADI INDUSTRIAL ESTATE, MANGALORE-575008.

Phone : 2212285. Fax: 2211044

E-mail: Olympus_refg@yahoo.com

GST : 29ADRPR2582G1ZW

Ref.No.: ORI / QTN / 22-04/ 2019 – 20 / 01

Dt.22.04.19

Mangalore Smart City Ltd.,
Kadri Park Development Project
Mangalore.

Email: pailands@gmail.com

Dear Sir,

With regard to your enquiry for various Equipments, we are herewith giving you our best prices for the same:

| SI No | Description | Amount |
|-------|---|------------------|
| 1 | Stainless Steel Dustbins: These 2 nos Round Tilt able Dustbins(size 28inches height x 1inches diameter) of perforated stainless steel are mounted on a square pipe stainless steel frame along with provision for a panel for advertising and top shade | 16,800.00 |
| | GST @ 18% | 3,024.00 |
| | TOTAL | 19,824.00 |

GENERAL CONDITIONS:

1. Payment: 100% along with the order in the name of M/s Olympus Refrigeration Inc payable at Mangalore.
2. Delivery: Within 1 week from the date of valid order.
3. Price Validity: Prices are subject to change as and when our principals increase / decrease rates.
Generally validity is up to 30 days.

We hope you will favour us with lot of orders.

Thanking you,

Yours faithfully,
for OLYMPUS REFRIGERATION INC.
Sd/-
SUMITH S. RAO.
Proprietor.



| QUOTATION | | | 19-04-19 |
|-----------|---|------|------------|
| PROJECT | M.E.P WORK FOR FOUNTAINS | | |
| Sl. No. | Description of item | Qty. | Amount |
| I | M.E.P WORK (BIG FOUNTAIN IN THE MIDDLE) | | |
| 1 | Supplying & installing of Fountain pump (2 to 3hp), underwater RGB lights (8 to 12Nos), nozzles, upvc pipes, fittings, valves, and other | 1.00 | 290,000.00 |
| II | M.E.P WORK (SMALL FOUNTAIN IN THE EITHER SIDES) | | |
| 1 | Supplying & installing of Fountain pump (1/2 to 1hp), underwater RGB lights (2 to 4Nos), nozzles, upvc pipes, fittings, valves, and other | 1.00 | 180,000.00 |

Note:
CGST & SGST are not included in this estimation
The above mentioned estimated amount will be only for the work agreed, any additional work which the client wants to carry on will cost for additional charges
Estimation for each fountains
This Estimation is valid for only 6 month from the submitted date





asha deep contracting
Shakthinagara, Mangalore

QUOTATION

| Contractor: Noel Veigas "ASHA DEEP" Construction Shakthinagara, Mangalore. | | Project: Plumbing & Electrical work for fountain | | | | | | | | | | |
|---|---|---|-----|-----|-----|-----|-----|-----|---------------|------|---------------|------------|
| | | Date: 19-04-19 | | | | | | | | | | |
| Sl. No. | Description of Work | Nos. | L | | B | | D | | Qty. /Days | unit | Rate /unit | Amount |
| | | | ft. | in. | ft. | in. | ft. | in. | | | | |
| BIG FOUNTAIN | | | | | | | | | | | | |
| 1 | Providing & fixing of all Plumbing & Electrical fixtures for fountain | 1 | | | | | | | | | | 365,000.00 |
| SMALL FOUNTAIN | | | | | | | | | | | | |
| 2 | Providing & fixing of all Plumbing & Electrical fixtures for fountain | 1 | | | | | | | | | | 196,000.00 |



Date:19-04-2019

Kingdom Enterprises India

QUOTATION

Subject: Electro-Mechanical work for Fountains

1. BIG FOUNTAIN - 1No.

Providing & fixing of all Electro-Mechanical fixtures for fountain -Rs. 360000.00

2. SMALL FOUNTAIN - 1No.

Providing & fixing of all Electro-Mechanical fixtures for fountain -Rs. 190000.00



Date: 19.04.2019
Ref :QTN/PLA /1904/2019

QUOTATION

To,

Pailands associates,
architecture, design and engineering
#1, temple square, car street,
Mangalore-575001

Kind Attention – Mr.Venkatesh Pai

Dear Sir,

We thank you very much for showing interest in our products. We are pleased to submit the offer for your requirement of the following items.

Please find the below quote for as per your required quantity

| Sl No | Design Name | Quantity in Sft | Size | Sqmtr/Box | Sft/Box | Pieces/Box | Price/Sft | Price/Box |
|-------|---------------------------------------|-----------------|--------------|-----------|---------|------------|-----------|-----------|
| 1 | stepping stone-Donapaula | 656 | 300X120 0 | 1.44 | 15.5 | 2 | 140 | 2170 |
| 2 | Stepping Stone Raises-Donapaula Plain | 656 | 600X120 0 | 1.44 | 15.5 | 2 | 140 | 2170 |
| 3 | Pavers Yellow | 4000 | 200X200 | 0.8 | 8.61 | 20 | 46 | 396.06 |
| 4 | Pavers Grey | 6000 | 200X200 | 0.8 | 8.61 | 20 | 46 | 396.06 |
| 5 | Tac Tile Button Yellow | 2000 | 300X300 | 0.54 | 5.8126 | 6 | 137 | 73.98 |
| 6 | Tac Tile Linear Yellow | 4000 | 300X300 | 0.54 | 5.8126 | 6 | 137 | 73.98 |
| 7 | Meteor-Terracota | 15000 | 600X600 | 1.08 | 11.62 | 3 | 93 | 1080.66 |
| 8 | Meteor Quartzite Ivory | 35000 | 600X600 | 10.08 | 11.62 | 3 | 93 | 1080.66 |

TERM AND CONDITIONS:-

- **100% payment in Advance**
- **Supplies 15 days from the date of confirmed purchase order & Payments.**
- **Unloading charges to be borne by you.**
- **Rates are inclusive of GST.**
- **For part Load local freight extra.**

Please feel free to contact us if you need any clarifications or if you have any enquires.

Thanks and Regards

Shrihari S Nadig

Senior Executive-Sales

Prism Johnson Limited,

Mangalore

Mob. No. 9964994300

H & R Johnson (India)
(A Division of Prism Cement Limited)

**Khanehshumari, No. 525, Nagawara Main Road, 9th Cross, HBR Layout, Near Essar Petrol Bunk,
Bangalore- 560 045**

Date - 19.Apr.2019

Dear Sir,

We are pleased to offer you our following best price considering your requirement.

| Sl.No | SIZE & THICKNESS [MM] | SHADE | Rate/Box | Rate/sqft | Coverage/bxs | No.of PCS | WEIGHT[in kgs] |
|-------|-----------------------|---------------------------|----------|-----------|--------------|-----------|----------------|
| 1 | 600X600-16MM | Gritty/silver shadow | 659/- | 85/- | 7.75 sqft | 2 | 26 |
| 2 | 600X600-16MM | Gritty/brunn | 713/- | 92/- | 7.75 sqft | 2 | 26 |
| 3 | 300X300-15MM | Touch-alt/beige | 448/- | 77/- | 5.81 sqft | 6 | 19 |
| 4 | 200X200 -10MM | Grezzo-earthern-E108-E124 | 447/- | 52/- | 8.60 sqft | 20 | 18 |
| 5 | 1200X300-13MM | Glint crema | 1643/- | 106/- | 15.5 sqft | 4 | 42.5 |
| 6 | 1200X600-10MM | Glint crema | 1240/- | 80/- | 15.5 sqft | 2 | 32.5 |

Terms:

1. Including GST 18% plus 0.3% insurance on the above Price.
2. Rate Quoted above does not include Labour or Handling Charges.
3. Transportation Charges and Unloading Charges to your account.
4. Delivery - Within 15-20 Days from the receipt of P.O and payment.
5. This rate valid till 30days.

NOTE 1: STANDARD UNIT OF BILLING WILL BE IN BOXES, HENCE PLEASE PREPARE THE P.O IN BOXES.

Looking forward for your valued order and assuring you the best of our attention and care at all times. Should you have any further clarifications, please feel free to call us.

Thanking
For,

Pavit Ceramics Pvt. Ltd.



Pavit Ceramics Pvt. Ltd. (An ISO 9001 : 2008 Certified Co.)

Regd. Office : 303, Camps Corner-II, Nr. Prahladnagar Garden, Satellite, Ahmedabad-380015, INDIA. P : +91 79 40266000 F : +91 79 40266099, info@pavits.com
Works : Survey No. 130, Dahel Road, Village Juhwa, Taluka Vagra, Dharuch-392150, Gujarat, INDIA. P : +91 2641 257175, 254150. F : 191 2641 254149
Toll Free No. 1600 233 3365 (10 am to 7 pm)



AIR CONDITIONER POINT

'CANARA HOUSE'
NEW CHITRA JUNCTION
KULUR-FERRY ROAD
MANGALORE – 575001
GSTIN – 29AASPN2392L1ZU

(+91) 824 2424851
(+91) 824 2429812
acp@canaragroup.in
www.acpoint.co.in



QUOTATION

| | |
|---|---|
| Customer Mangalore Smart City Ltd. Mangalore Site: Kadri Park Redevelopment Project | Date 19/04/2019 Quotation No. ACP/0419/06 Validity 1 Week |
|---|---|

Dear Sir,

Thank you very much for your enquiry. We are hereby furnishing our lowest quotation for the products requested.

| S.L. No. | Product Description | Quantity | Discounted Unit Price (INR) | Amount (INR) |
|----------|--|----------|-----------------------------|--------------|
| 1 | Blue Star Stainless Steel Water Cooler – SDLX150150 2 Tap – 150 Ltrs. Tank & 150 Ltrs/Hour Cooling Capacity | 1 | 47500 | 47500 |

Terms & Conditions

- The quoted price is inclusive of 18% GST
- Transportation and standard installation for the coolers is included in the above price.
- Payment Terms – Immediate
- Warranty – 1 Year from the date of billing

We look forward to your valued order.

Regards,

Air Conditioner Point

Subject to Mangalore Jurisdiction

This is a computer generated document and does not require a signature.

CANARA AIR CONDITIONING & INDUSTRIALS

APS ARCADE, KANKANADI BYE-PASS ROAD

MANGALORE – 575001

0824-2435717

QUOTATION

Customer

Kadri Park Development
Mangalore Smart City Ltd.
Mangalore

Date 20/04/2019

Quotation No. CAN/013

Validity 15 Days

Dear Sir/Madam,

Thank you very much for your enquiry. We are hereby furnishing our lowest quotation for the products requested.

| S.L. No. | Product Description | Quantity | Unit Price | Amount (INR) |
|----------|---|----------|------------|--------------|
| 1 | Water Cooler 150 Ltrs. Stainless Steel Make: Blue Star | 1 | 41500 | 41500 |
| | GST @ 18% | | | 7470 |
| | Total | | | 48970 |

Terms & Conditions

- Payment terms – Immediate
- Installation Charges: Rs. 500
- Warranty – 1 Year from the date of billing

We look forward to your valued order.

Regards,

For Canara Air Conditioning & Industrials

Subject to Mangalore Jurisdiction

SHREE LAXMI AIRCONDITIONING

2-6-395/3, Poojan Palace,
Bejai Kapikad, Kottara Cross, Mangalore
Mob – 9686141031
GST: 29BKKPK1674F1ZX

QUOTATION

Quotation No. 125

Date: 19/04/2019

Customer Name: Mangalore Smart City Ltd. (Kadri Park Project)

| S.L. No. | Product Description | Quantity | Unit Price (INR) | Amount (INR) |
|----------|--|----------|------------------|---------------|
| 1 | Blue Star Water Cooler – SDLX15150 Capacity – 150 Ltrs. Stainless Steel, 2 Taps | 1 | 51000 | 51000 |
| | Total | | | 51,000 |

Terms & Conditions

- The quoted price is inclusive of 18% GST and for the air conditioning units only
- Payment Terms: 100% Advance
- Warranty: 1 year

Yours Sincerely

Sri Laxmi Air Conditioning & Refrigeration Systems

Subject to Mangalore Jurisdiction
This is a computer generated document and does not require a signature.

CROWN REFRIGERATION CO.,

Mahadevinagar, Padil, Mangaluru - 575 007
Mobile : 9880370285

Dtd. 18.04.19

Mangalore Smart City Ltd.,
Kadri Park Development Project
Mangalore.

Email: pailands@gmail.com

Dear Sir,

With regard to your enquiry for various Equipments, we are herewith giving you our best prices for the same:

| | | |
|--------------------|--|------------------|
| 1 | Our price for 120 litres Voltas Water Cooler with full stainless steel inner tank and full stainless steel outer body with 2 tap is (size 23" W x 28" D x 55" H) | 41,500.00 |
| 2 | Cost of Voltage Stabilizer suitable for the same is | 3,500.00 |
| 3 | Our Price for Alfa make Water Purifier 120 ltr per hour Purification | 12,500.00 |
| 4 | Installation Charges | 3,500.00 |
| 5 | Cost of LMS to maintain flow fully of purifier automatically | 4,000.00 |
| GRAND TOTAL | | 65,000.00 |

| | | |
|--------------|---|------------------|
| 1 | <u>Curved Sink:</u> Curved Sink of size 4ft L x 18" W with 30" Steel back Panel is | 22,000.00 |
| 2 | Installation | 2,500.00 |
| TOTAL | | 24,500.00 |

Excluded Work:

1. Plug points for Water Cooler (15 Amps) should be provided within one meter of the site of Water Cooler Installation. Any additional plumbing work required shall be charged extra.
2. Inlet water connection of 1/2" pipe dia should be provided within 1 meter of the water cooler, preferably at a height of 6 ft.
3. Outlet drain connection of 1 1/2" / 2" should be provided within one meter of the site of installation of water cooler.

Anticipating your order.

Thanking you,

Yours faithfully,
for M/S. CROWN REFRIGERATION CO.,


Manager

CROWN REFRIGERATION CO.,

Mahadevinagar, Padil, Mangalore - 575 007
Mobile : 9880370285

19/4/2019

Mangalore Smart City Ltd.,
Kadri Park Development Project
Mangalore.

Email: pailands@gmail.com

Dear Sir,

With regard to your enquiry for various Equipments, we are herewith giving you our best prices for the same:

| SI No | Description | Amount |
|-------|---|-----------|
| 1 | <u>Curved Sink:</u> With 6 ft Length Curved Sink of size 6 ft Length x 2 ft width x 33 ft Height with a Splash of 6 inches with provision for 4 Taps (Taps not included) and Drain Connection Is | 36,500.00 |

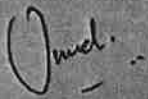
GENERAL CONDITIONS:

1. Payment: 100% along with the order.
2. Delivery: Within 1 week from the date of valid order.
3. Price Validity: Generally validity is up to 30 days.

Anticipating your order.

Thanking you,

Yours faithfully,
for M/S. CROWN REFRIGERATION CO.,



Manager

Olympus Refrigeration Inc.

Post Box No. 1006, Yeyyadi Industrial Estate,
Mangalore - 575 008. D.K. INDIA.
Tel. : 0824 - 2212285, 2211044
Fax : 0824 - 2211044
Mobile : 98450 82403 / 98803 70285
e-mail : olympus_refg@yahoo.com
GRAMS : OLYMPUS
PAN : ADRPR2582G



GSTIN No.: 29ADRPR2582G1ZV
Bankers: SYNDICATE BANK,
Yeyyadi, Mangalore - 575 008.

Your Reference & Date / Our Reference & Date

Ref.No.: ORI / WC - QTN / 20-04/ 2019 - 20 / 01
Mangalore Smart City Ltd.,
Kadri Park Development Project
Mangalore.

DI.20.04.19

Email: pailands@gmail.com

Dear Sir,

With regard to your enquiry for various Equipments, we are herewith giving you our best prices for the same:

| Sl.No | Description | Amount |
|-------|--|------------------|
| 1 | Our price for 120 litres Voltas Water Cooler with full stainless steel inner tank and full stainless steel outer body with 2 tap is (size 23" W x 28" D x 55" H) | 39,800.00 |
| 2 | Cost of Voltage Stabilizer suitable for the same is | 1,500.00 |
| 3 | Our Price for Alfa make Water Purifier 120 Ltr per hour Purification | 9,500.00 |
| 4 | Installation Charges | 1,000.00 |
| 5 | Cost of LMS to maintain flow fully of purifier automatically | 2,000.00 |
| | GRAND TOTAL | 53,800.00 |

NOTE: This price inclusive of GST.

| Sl No | Description | Amount |
|-------|---|------------------|
| 1 | Curved Sink: Curved Sink of size 4ft L x 18" W with 30" Steel back Panel is | 17,000.00 |
| 2 | Installation | 1,000.00 |
| | TOTAL | 18,000.00 |
| | GST @ 18% | 3,240.00 |
| | GRAND TOTAL | 21,240.00 |

Excluded Work:

1. Plug points for Water Cooler (15 Amps) should be provided within one meter of the site of Water Cooler Installation. Any additional plumbing work required shall be charged extra.
2. Inlet water connection of 1/2" pipe dia should be provided within 1 meter of the water cooler, preferably at a height of 6 ft.
3. Outlet drain connection of 1 1/2" / 2" should be provided within one meter of the site of installation of water cooler.

GENERAL CONDITIONS:

1. Payment: 100% along with the order in the name of M/s Olympus Refrigeration Inc payable at Mangalore.
2. Guarantee: For the period of one year.
3. Delivery: Within 1 week from the date of valid order.
4. Price Validity: Prices are subject to change as and when our principals increase / decrease rates.
Generally validity is up to 30 days.

We hope you will favour us with lot of orders.

Thanking you,

Yours faithfully,

for OLYMPUS REFRIGERATION INC.

SUMITH S. RAO.
Proprietor.

DISTRIBUTORS: Voltas, LG, Samsung, Videocon Air Conditioners, Voltas, Carrier Deep Freezers, Voltas Water Coolers & Kitchen Equipments

MANUFACTURERS

- Deep Freezers ■ Refrigerators ■ Water Coolers ■ Bottle Coolers ■ All types of Display and Cooling Cabinets ■ Mortuary Cabinets
- Interior Solutions ■ Ice Cream Machines ■ Pepsi Machines ■ Water & Chemical Chilling Plants
- Air Conditioners ■ Office, Hotel, Theatre Air Conditioning ■ Any Central Cooling Plants ■ Blood Bank Cabinets

Olympus Refrigeration Inc.



Post Box No. 1006, Yeyyadi Industrial Estate,
Mangalore - 575 008, D.K. INDIA.
Tel. : 0824 - 2212285, 2211044
Fax : 0824 - 2211044
Mobile : 98450 82403 / 98803 70285
e-mail : olympus_ref@yahoo.com
GRAMS : OLYMPUS
PAN : ADRPR2582G

Your Reference & Date / Our Reference & Date

GSTIN No.: 29ADRPR2582G1ZW
Bankers: SYNDICATE BANK,
Yeyyadi, Mangalore - 575 008.

Ref.No.: ORI / WC - QTN / 20-04 / 2019 - 20 / 01

Dt. 20.04.19

Mangalore Smart City Ltd.,
Kadri Park Development Project
Mangalore.

Email: pailands@gmail.com

Dear Sir,

With regard to your enquiry for various Equipments, we are herewith giving you our best prices for the same:

| SI No | Description | Amount |
|-------|---|------------------|
| 1 | Curved Sink: With 6 ft Length Curved Sink of size 6 ft Length x 2 ft width x 33 ft Height with a Splash of 6 inches with provision for 4 Taps (Taps not included) and Drain Connection is | 28,500.00 |
| | GST @ 18% | 5,130.00 |
| | TOTAL | 33,630.00 |


GENERAL CONDITIONS:

1. Payment: 100% along with the order in the name of M/s Olympus Refrigeration Inc payable at Mangalore.
2. Delivery: Within 1 week from the date of valid order.
3. Price Validity: Prices are subject to change as and when our principals increase / decrease rates.
Generally validity is up to 30 days.

We hope you will favour us with lot of orders.

Thanking you,

Yours faithfully,
for OLYMPUS REFRIGERATION INC.


SUMITH S. RAO.
Proprietor.

DISTRIBUTORS: Voltas, LG, Samsung, Videocon Air Conditioners, Voltas, Carrier Deep Freezers, Voltas Water Coolers & Kitchen Equipments

MANUFACTURERS

- Deep Freezers ■ Refrigerators ■ Water Coolers ■ Bottle Coolers ■ All types of Display and Cooling Cabinets ■ Mortuary Cabinets
- Interior Solutions ■ Ice Cream Machines ■ Pepsi Machines ■ Water & Chemical Chilling Plants
- Air Conditioners ■ Office, Hotel, Theatre Air Conditioning ■ Any Central Cooling Plants ■ Blood Bank Cabinets

CRYSTAL

ELECTRONICS & APPLIANCES

Kumudavathi Building, Balmatta, Mangalore - 575 001
Tel. : 0824 - 2424026, 4251525 TIN:29770240779
e-mail: crystal_lg@rediffmail.com



EXCLUSIVE
SHOWROOM

19/4/2019

Mangalore Smart City Ltd.,
Kadri Park Development Project
Mangalore.

Email: pailands@gmail.com

Dear Sir,

With regard to your enquiry for various Equipments, we are herewith giving you our best prices for the same:

| | | |
|---|--|-----------|
| 1 | Our price for 120 litres Voltas Water Cooler with full stainless steel inner tank and full stainless steel outer body with 2 tap is (size 23" W x 28" D x 55" H) | 41,000.00 |
| 2 | Cost of Voltage Stabilizer suitable for the same is | 2,500.00 |
| 3 | Our Price for Alfa make Water Purifier 120 ltr per hour Purification | 11,500.00 |
| 4 | Installation Charges | 3,000.00 |
| 5 | Cost of LMS to maintain flow fully of purifier automatically | 3,000.00 |

GRAND TOTAL

61,000.00

| | | |
|--------------|---|------------------|
| 1 | <u>Curved Sink:</u> Curved Sink of size 4ft L x 18" W with 30" Steel back Panel is | 21,000.00 |
| 2 | Installation | 2,000.00 |
| TOTAL | | 23,000.00 |

Excluded Work:

1. Plug points for Water Cooler (15 Amps) should be provided within one meter of the site of Water Cooler Installation. Any additional plumbing work required shall be charged extra.
2. Inlet water connection of 1/2" pipe dia should be provided within 1 meter of the water cooler, preferably at a height of 6 ft.
3. Outlet drain connection of 1 1/2" / 2" should be provided within one meter of the site of installation of water cooler.

Thanking you,

Yours faithfully,
for CRYSTAL ELECTRONICS & APPLIANCES,,


Proprietor.

CRYSTAL

ELECTRONICS & APPLIANCES

Kumudavathi Building, Balmatta, Mangalore - 575 001
Tel. : 0824 - 2424026, 4251525 TIN : 29770240779
e-mail : crystal_lg@rediffmail.com



EXCLUSIVE
SHOWROOM

19/4/2017

Mangalore Smart City Ltd.,
Kadri Park Development Project
Mangalore.

Email: pailands@gmail.com

Dear Sir,

With regard to your enquiry for various Equipments, we are herewith giving you our best prices for the same:

| Sl No | Description | Amount |
|-------|---|-----------|
| 1 | <u>Curved Sink:</u> With 6 ft Length Curved Sink of size 6 ft Length x 2 ft width x 33 ft Height with a Splash of 6 inches with provision for 4 Taps (Taps not included) and Drain Connection is | 35,500.00 |

GENERAL CONDITIONS:

1. Payment: 100% along with the order.
2. Delivery: Within 1 week from the date of valid order.
3. Price Validity: validity is up to 30 days.

Thanking you,

Yours faithfully,
for CRYSTAL ELECTRONICS & APPLIANCES,,

Proprietor.



Opp Mahindra Show Room, Bypass Road, Kankanady,

Mangalore - 575 002 Ph : 2435825,4265740

Ref.No : 033 / Akaar / E-2019

Date : 16.04.2019

To

Mr Venkatesh Pai

Pailands

Estimate for Sign Boards

| Sl.No. | Description of work | Rates per Sft |
|--|---|---------------|
| 1 | <u>Granite Plaques</u> 20 MM Black Granite with inscription on it (Deep Engraving) as per specified design & matter | 1,350.00 |
| 2 | <u>ACP Signs</u> 3 MM Brush Steel ACP with Vinyle stickker pasted on it as per specified design & matter | 725.00 |
| 3 | <u>S.S Signs - 304 Grade</u> 20 SWG S.S Sheet with Letters cut in it as per specified design & matter | 750.00 |
| 4 | <u>Glow Signs (With LED)</u> G.I Frame structure - ACP at all the outer sides - Acrylic letters with front glow - Samsung LED lights with Transformers | 2,600.00 |
| Note : Estimates are Including Installation at Mangalore | | |
| <u>Terms & Conditions:</u> 1. Rates are Inclusive of Tax. 2. This Quotation is valid only for 4 weeks | | |

For Akaar

Manager

85

Floorcraft

'GRACE', Majal, Nagori, Kankanady Post

Mangalore - 575 002 Ph : 2433788

Ref : FL/036/Qtn/2019

Date : 17.04.2019

Mr Venkatesh Pai

Pailands

Estimate for Sign Boards

| Sl.No. | Description of work | Rates per Sft |
|---|---|---------------|
| 1 | <u>Granite Plaques</u> 20 MM Black Granite with inscription on it (Deep Engraving) | 1,400.00 |
| 2 | <u>ACP Signs</u> 3 MM Brush Steel ACP with Vinyl sticker pasted on it | 750.00 |
| 3 | <u>S.S Signs - 304 Grade</u> 20 SWG S.S Sheet with Letters cut in it as per given matter | 800.00 |
| 4 | <u>Glow Signs (With LED)</u> G.I Frame structure - ACP at all the outer sides - Acrylic letters with front glow - LED lights with Transformers | 2,750.00 |
| Terms & Conditions: 1. Rates are Inclusive of 18% GST. 2. This Quotation is valid only for 3 weeks | | |

For Floor Craft

Manager

Metal Craft

1st Left, Darbar Hill, Near Kankanady Railway station
Mangalore - 575007, Ph : 0824-2276924

Ref.No : 025-MC/E-2019

Date : 18.04.2019

To

Mr Venkatesh Pai

Pailands

Estimate

| Sl.No. | Description of work | Rates per Sft |
|--------|---|---------------|
| 1 | <u>Granite Plaques</u> 20 MM Black Granite with inscription with Engraving as per ur requirement | 1,475.00 |
| 2 | <u>S.S Signs - 304 Grade</u> 20 SWG S.S Sheet with Letters cutting as per ur specified matter & designs | 875.00 |
| 3 | <u>ACP Signs</u> 3 MM silver ACP with Vinyle stickker pasted on it as per ur designs | 750.00 |
| 4 | <u>Glow Signs - With LED</u> G.I Frame structure with ACP outer sides - Acrylic letters with front glow - LED lights with Transformers | 2,700.00 |

Terms & Conditions:

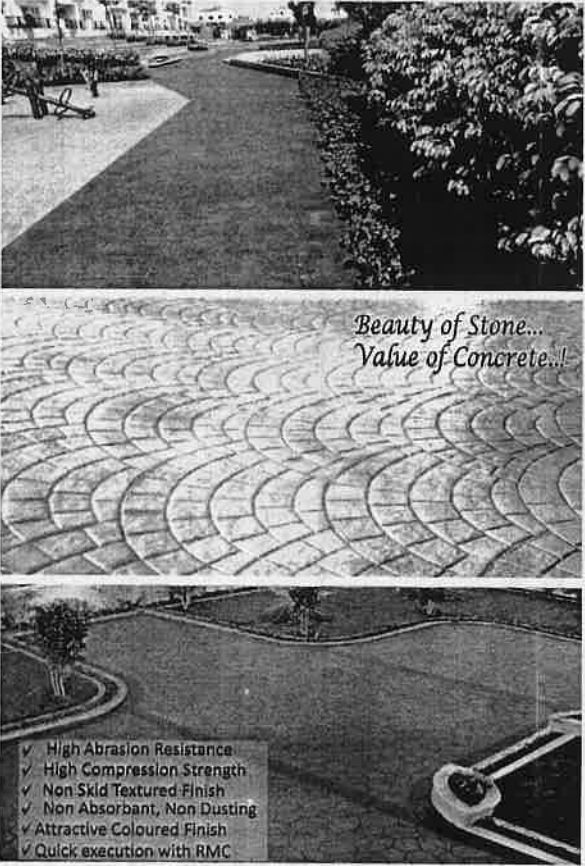
1. Rates are Inclusive of 18% GST
2. This Quotation is valid only for 2 weeks

For Metal Craft

Manager

REFERENCE : GENERAL ABSTRACT-A / 6

STAMPED CONCRETE



*Beauty of Stone...
Value of Concrete..!*

- ✓ High Abrasion Resistance
- ✓ High Compression Strength
- ✓ Non Skid Textured Finish
- ✓ Non Absorbant, Non Dusting
- ✓ Attractive Coloured Finish
- ✓ Quick execution with RMC

STONECRAFT™
Stamped Concrete Paving

Paving your Way







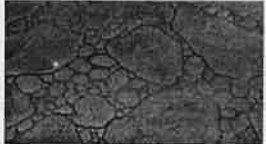








STONECRAFT™
Stamped Concrete Paving

Color and Pattern Swatches:

- Beige
- Caramel
- Harvest Gold
- Sunset
- Sandstone
- Amber Harvest
- MexicanTile
- Terracotta
- Rust
- Silver Grey
- Shale Grey
- Cobblestone Grey
- Slate grey
- Steel Blue

STONECRAFT™
Stamped Concrete Paving

Dress up your Driveways, Walk Ways, Patios & Decks in a range of Patterns and Shades ...

| | | |
|---|---|---|
|  |  |  |
| American Ashlerstone | Italian Ashlerstone | Mexican Ashlerstone |
|  |  |  |
| Cobblestone | European fan | London Cobblestone |
|  |  |  |
| Garden Stone | Random Stone | Riverstone |
|  |  |  |
| Brick Herring Bone | Brick bond | Wooden Pattern |
|  |  |  |
| Granite Set 4x4 | New Granite Texture | Italian Slate Texture |

WEATHERSTONE BUILDING BLOCKS PVT LTD.

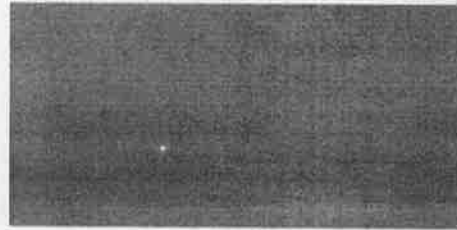
GF-2, MCH COMPLEX, (HARI HARA KALABHAVANI) R.P. Road SECUNDERABAD - 500 003, A.P., INDIA
 TEL : +91-40-27803622, 27801066 FAX : +91-40-23449496 Email : weatherstone@rediffmail.com

Note: The Shades and patterns are only indicative, there will be variations as per site conditions and color combinations

STAMPED CONCRETE 3



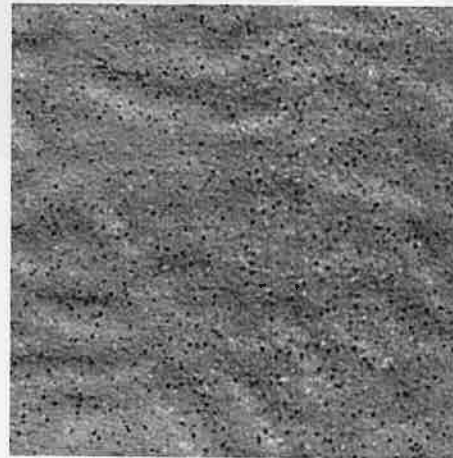
TILE-DONAPAUOLA PLAIN



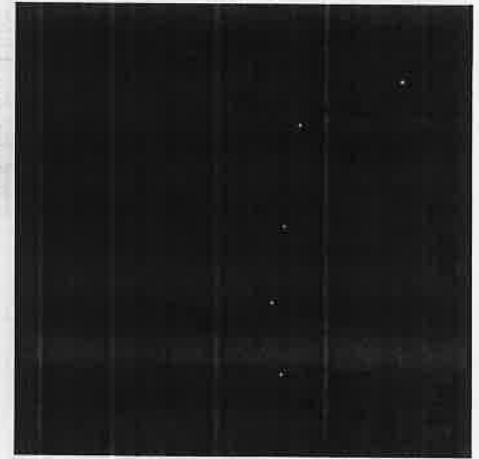
TILE-DONAPAUOLA STONE



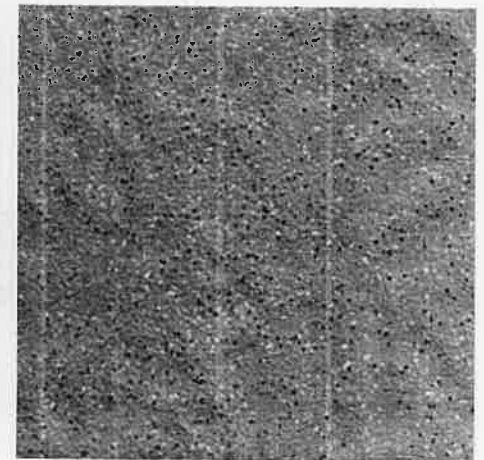
TILE-PAVER SERIES YELLOW

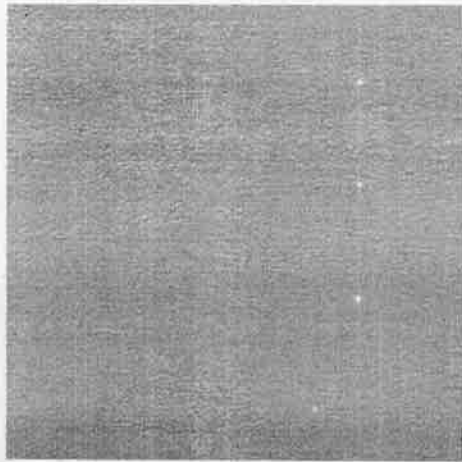


TILE-KREO TERRACOTTA

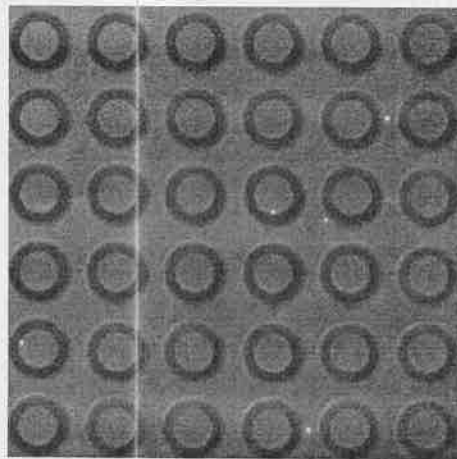


TILE-PAVER SERIES GREY



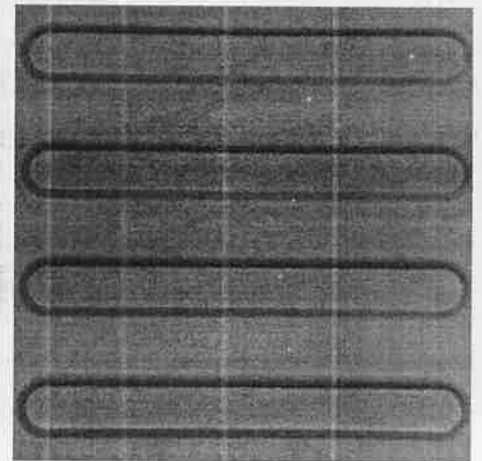


TILE-QUARTZITE IVORY



TILE-TAC BUTTON YELLOW PLUS

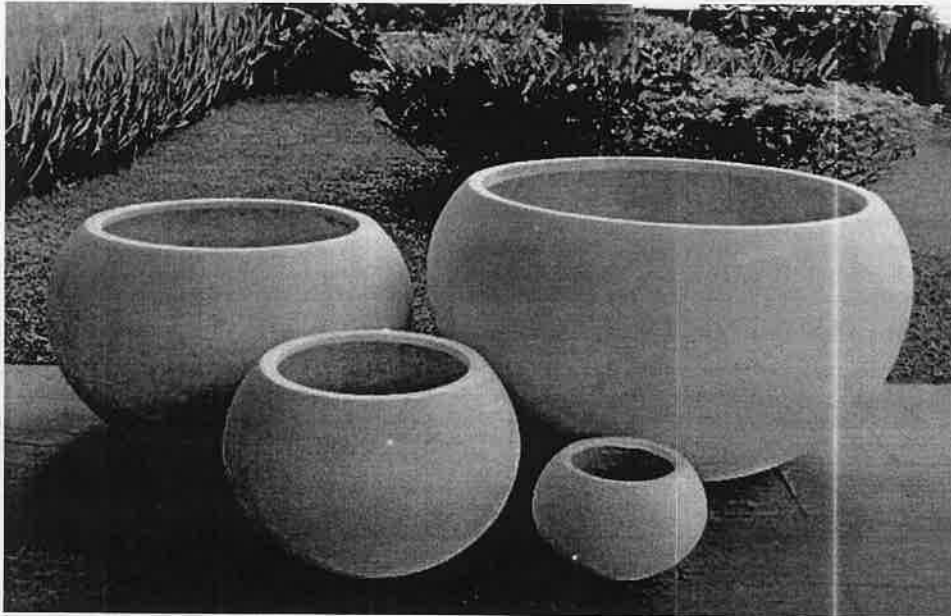
TILE-TAC LINERAR YELLOW PLUS



REFERENCE : GENERAL ABSTRACT-A / 6

PLANTER BOX





PLANTER BOWL WITH SEAT



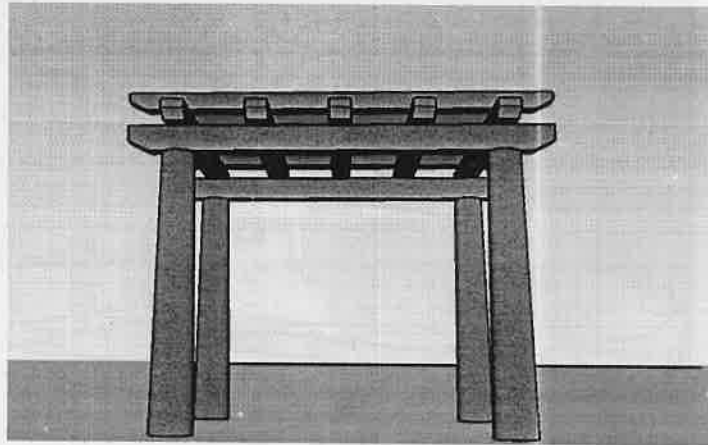
REFERENCE : GENERAL ABSTRACT-A / 7

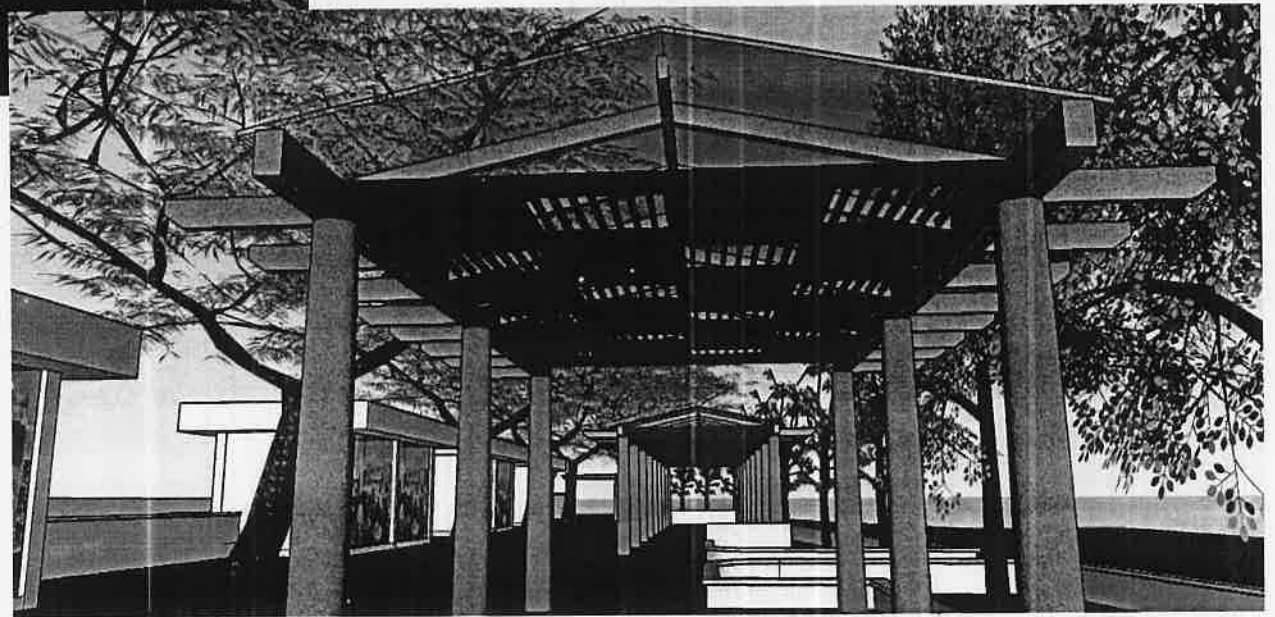
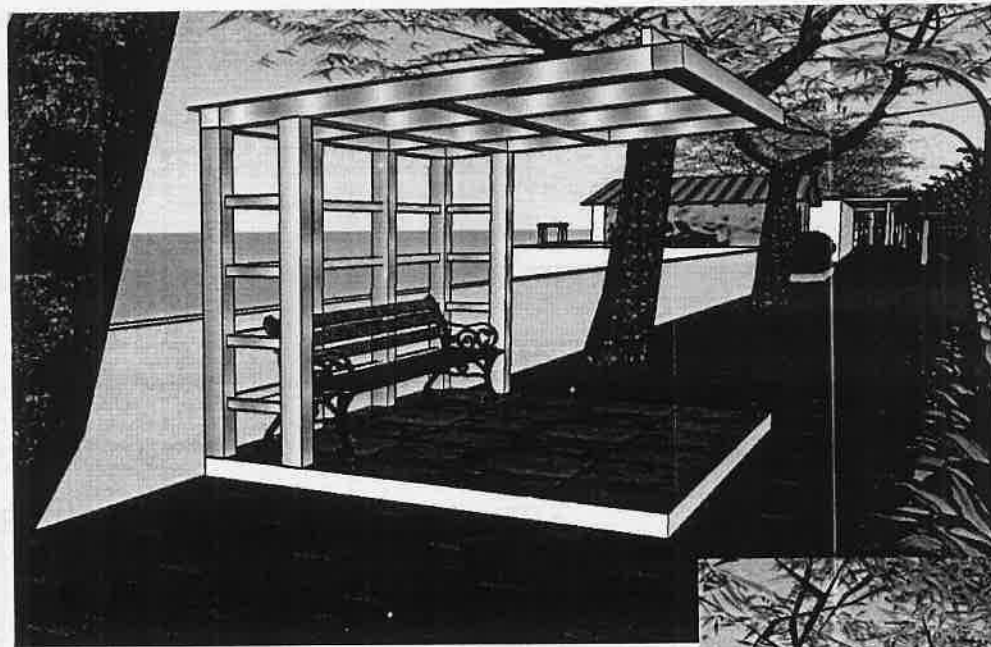
DISHWASH SINK



REFERENCE : GENERAL ABSTRACT-A / 10

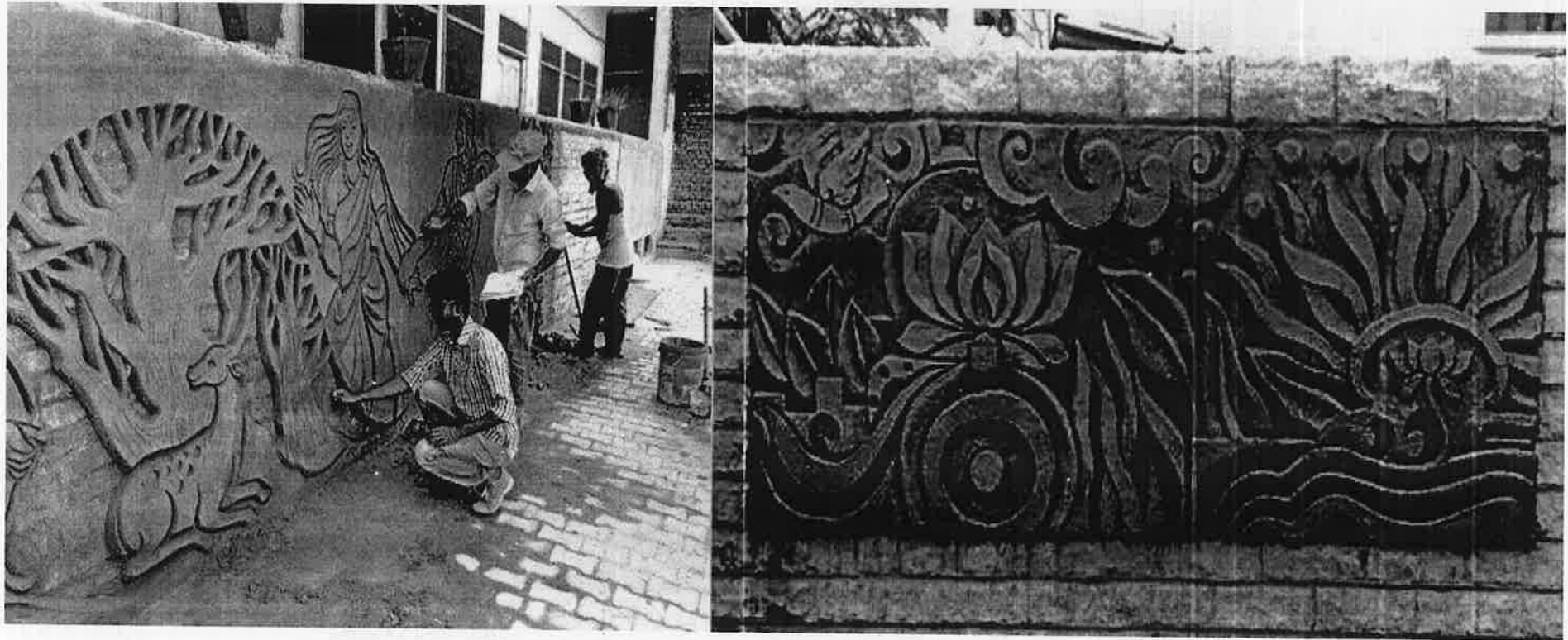
PERGOLA





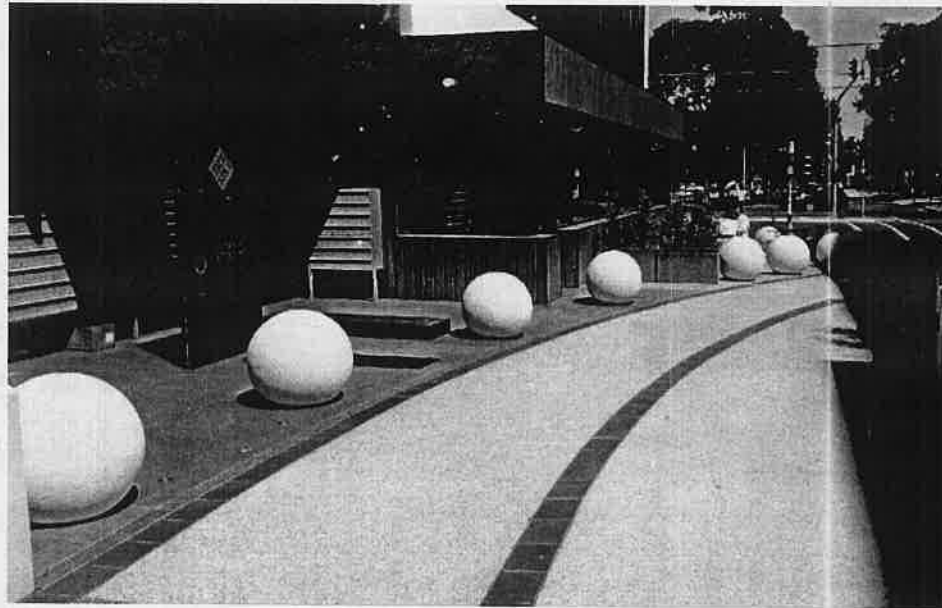
REFERENCE : GENERAL ABSTRACT-A / 12

WALL MURAL

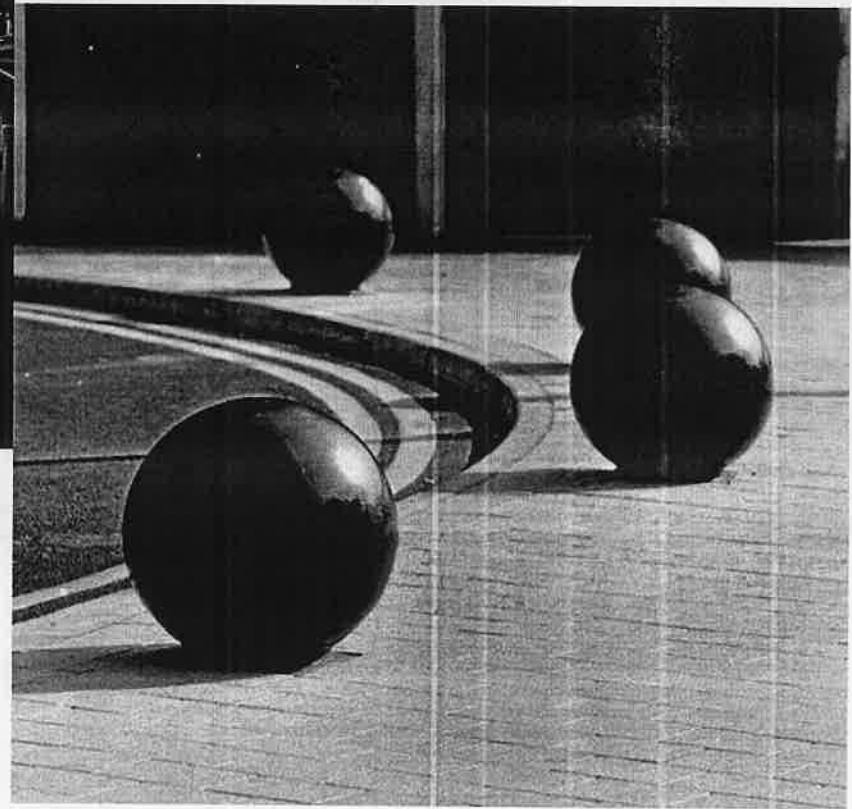


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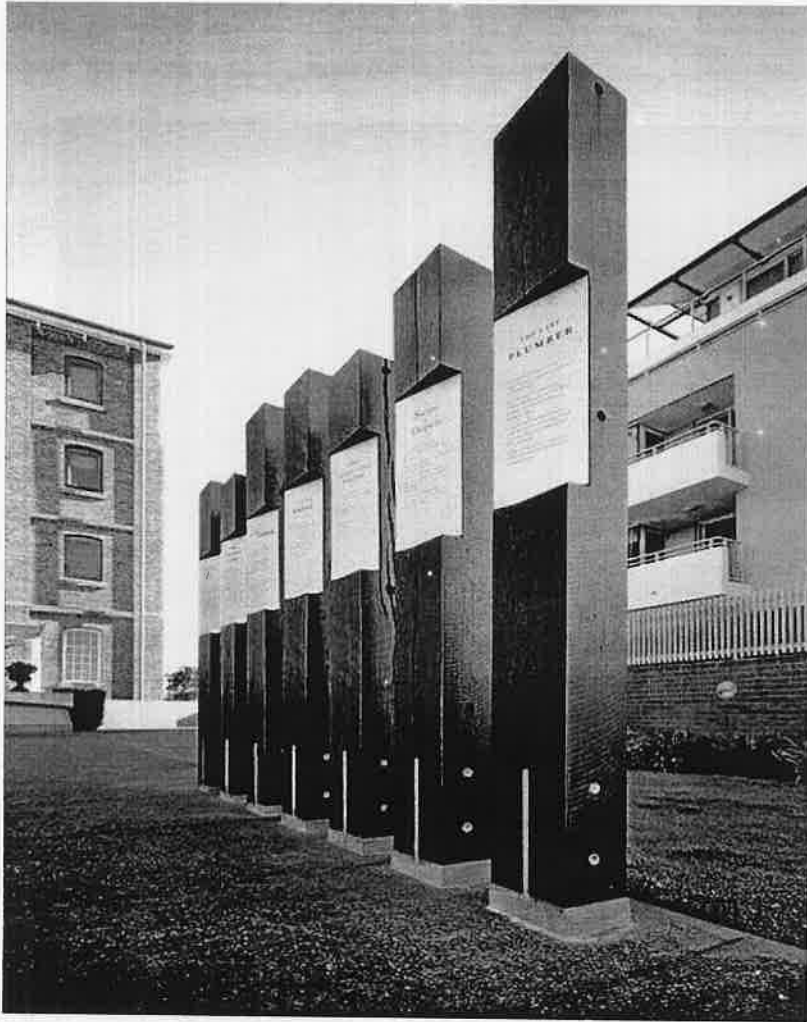
PRECAST SPHERE



SPHERE BOLLARD



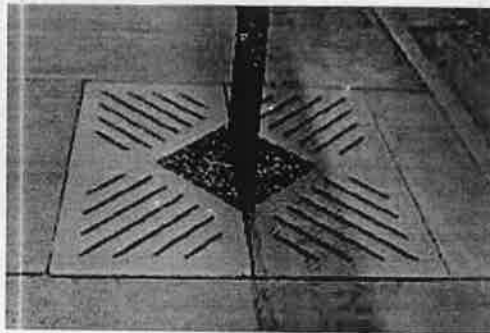
SIGNAGE PILLAR CONCEPT



BOLLARDS

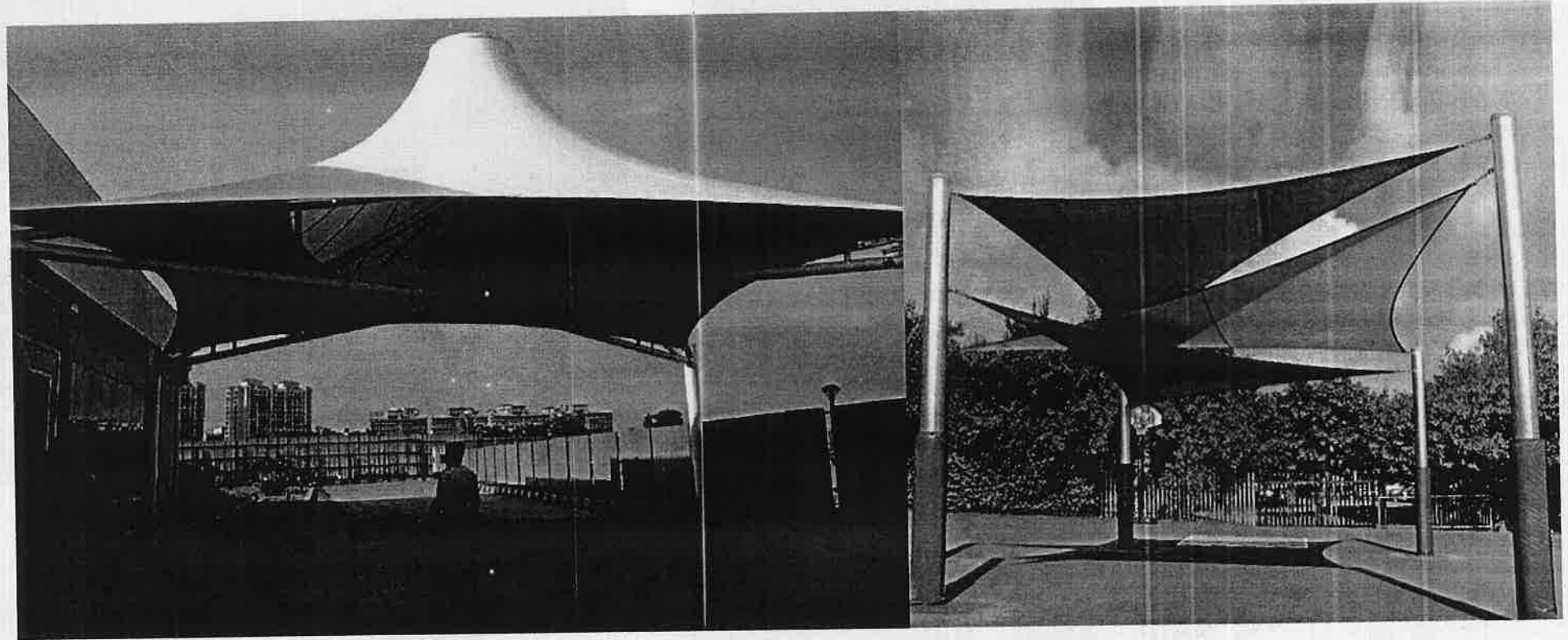


TREE GRATE



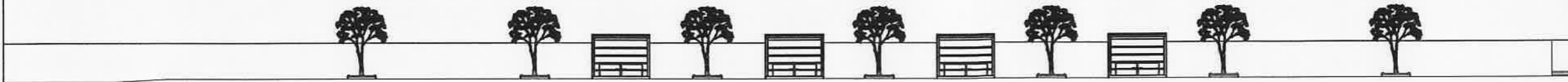
REFERENCE : GENERAL ABSTRACT-A / 16

TENSILE STRUCTURE CONCEPT

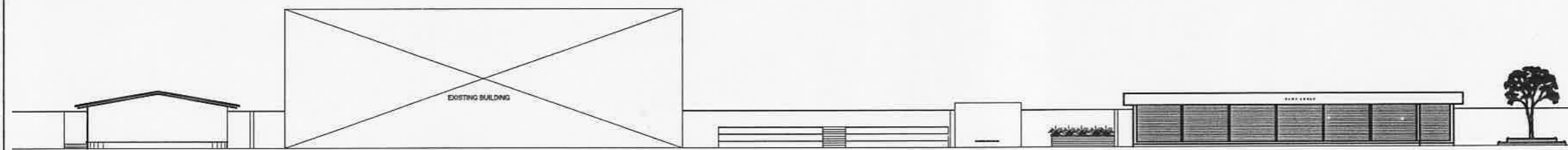


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NOTES :



ELEVATION-A



ELEVATION-B



ELEVATION-C



ELEVATION-D

CLIENT :

MSCL
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

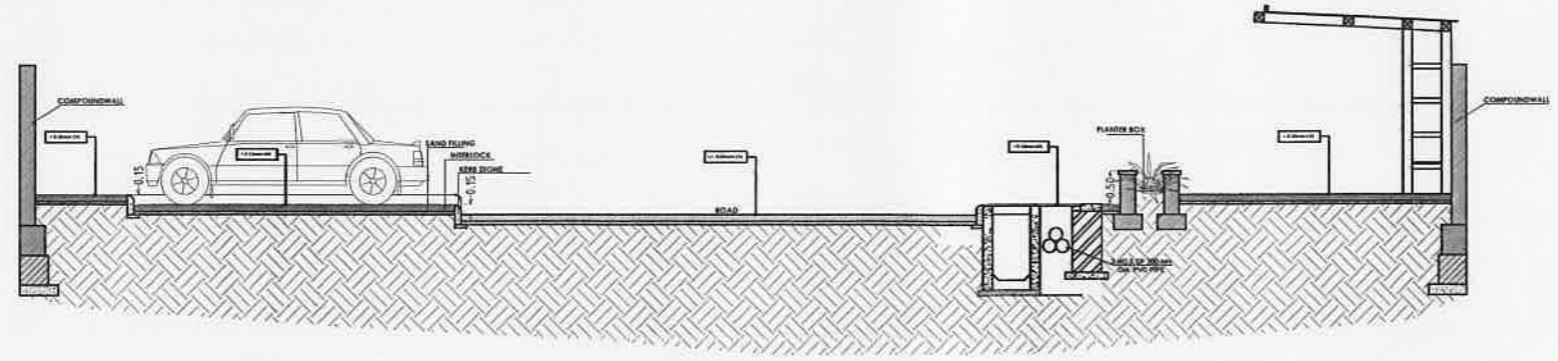
**EAST WING
ELEVATIONS**

| DATE | SCALE | DWG. NO |
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| CHECKED | M.V.P | |

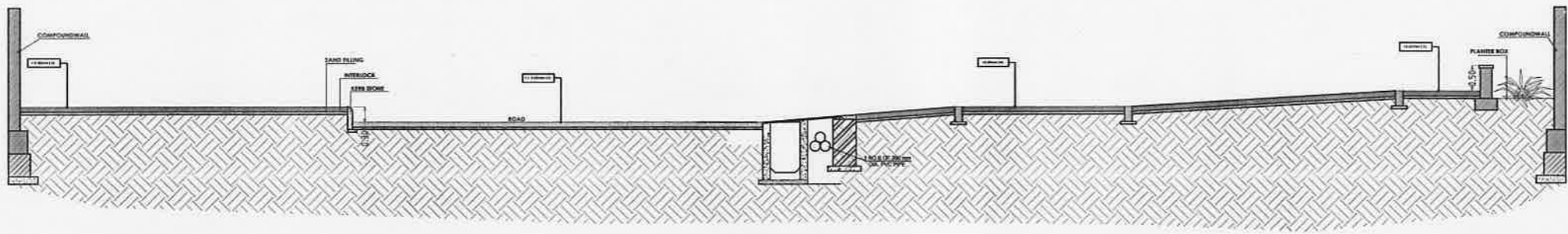
ARCHITECTS :



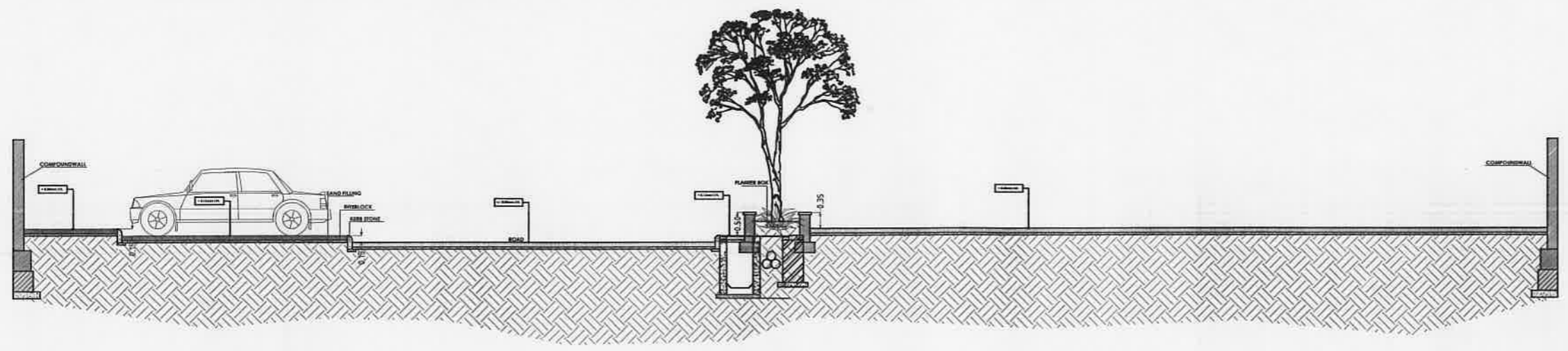
pallands associates
architects & interior designers
#1, temple square, carstreet
mangalore. ph- 2495451, 2496539
pallands@gmail.com



SECTION@1-1



SECTION@2-2



SECTION@3-3

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PROJECT :

KADRI PARK

DWG. TITLE :

EAST WING
SECTIONS

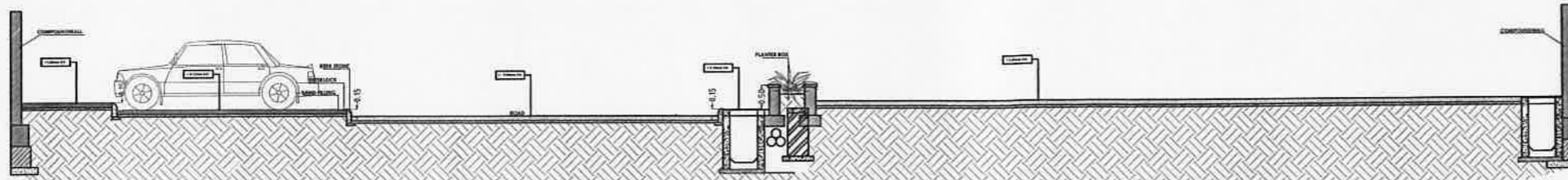
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| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

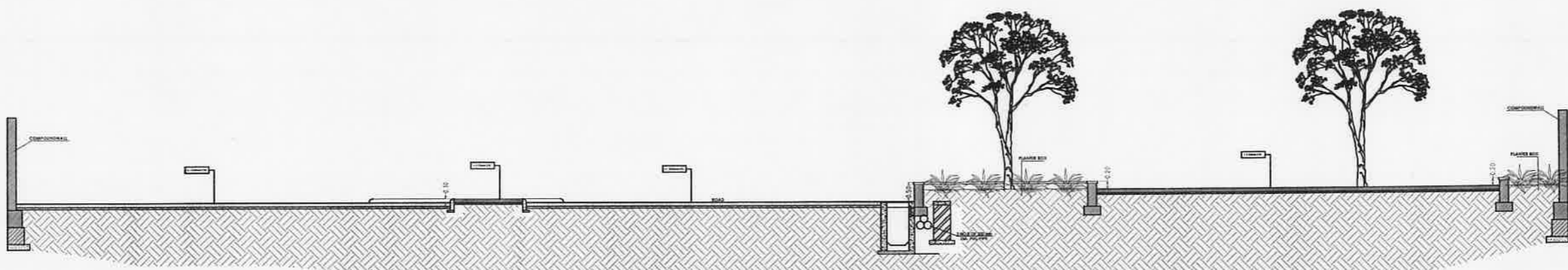
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architects & interior designers
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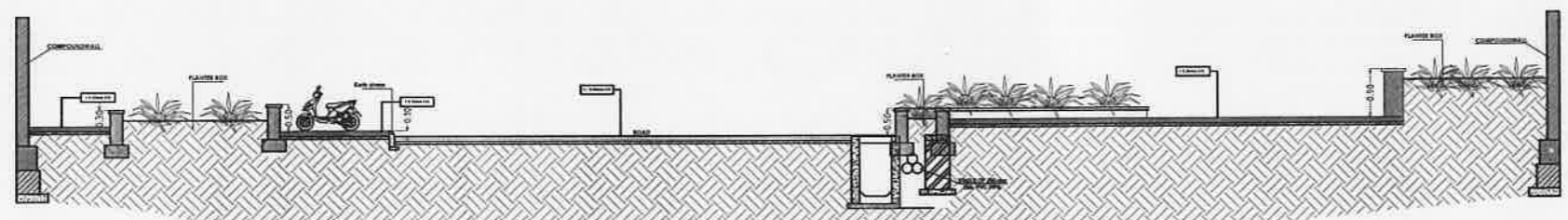
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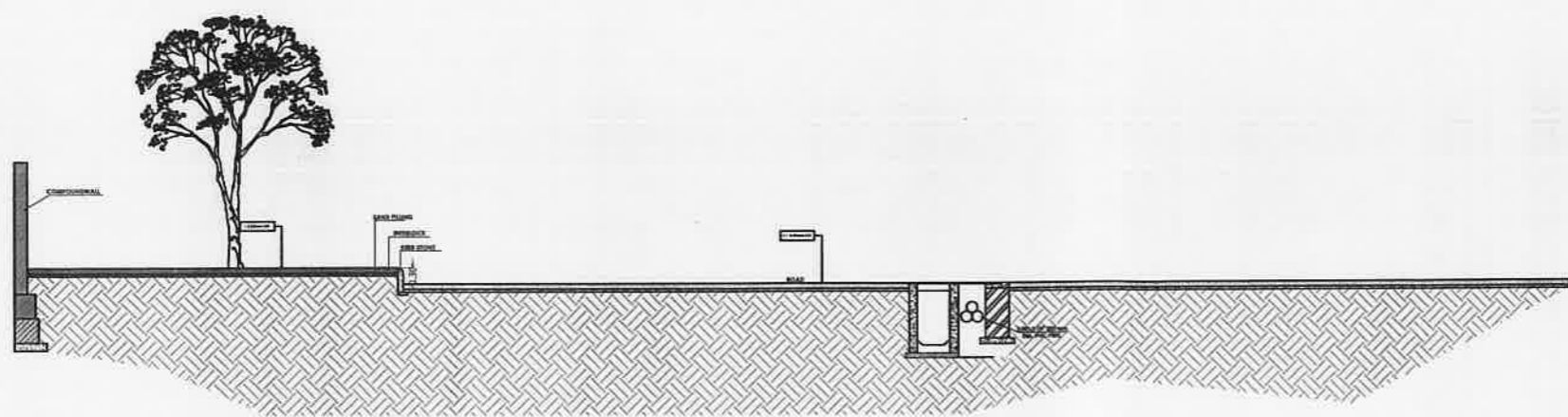
SECTION@4-4



SECTION@5-5



SECTION@6-6



SECTION@7-7

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KADRI PARK

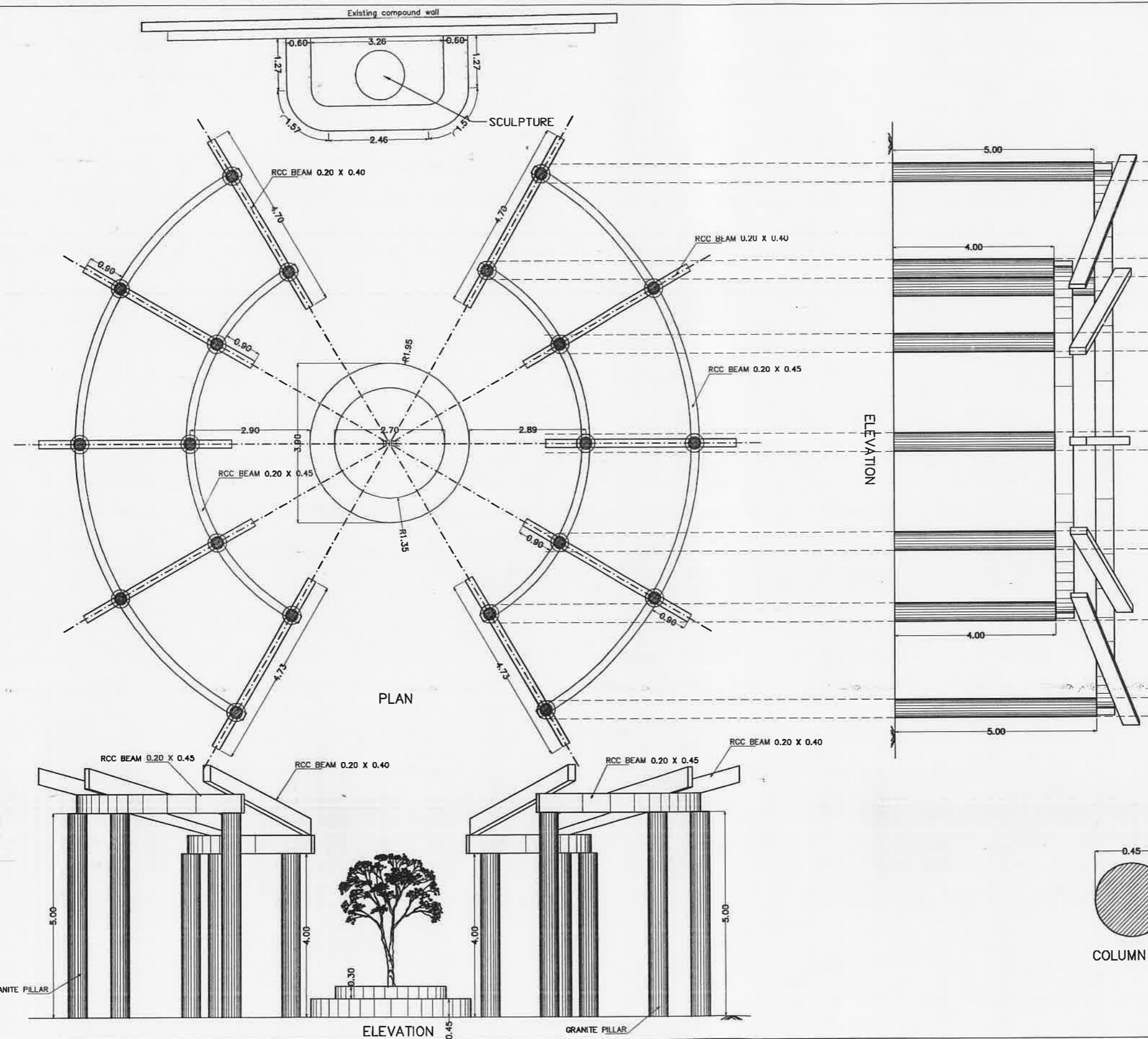
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EAST WING
SECTIONS

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| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :


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 architects & interior designers
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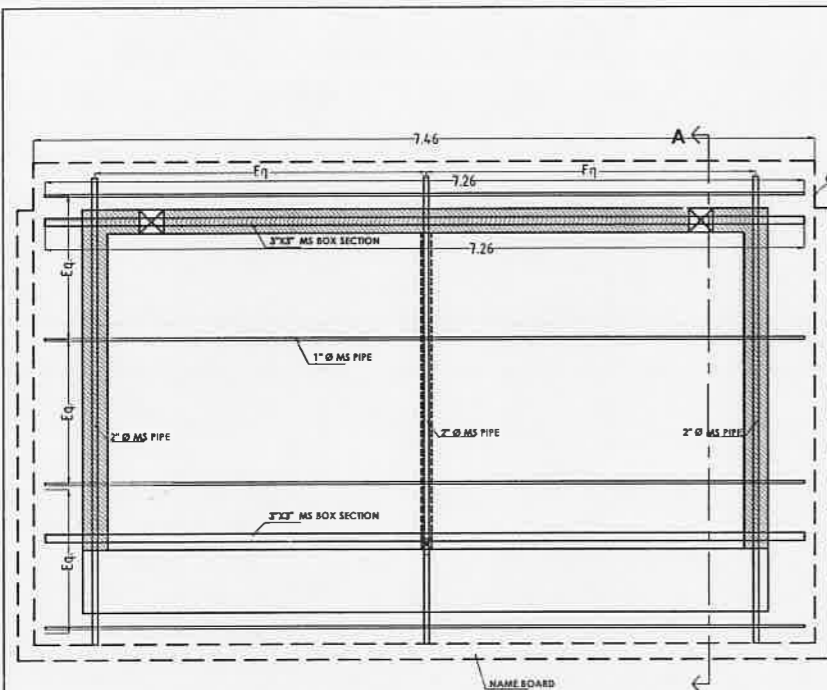
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PROJECT :
KADRI PARK

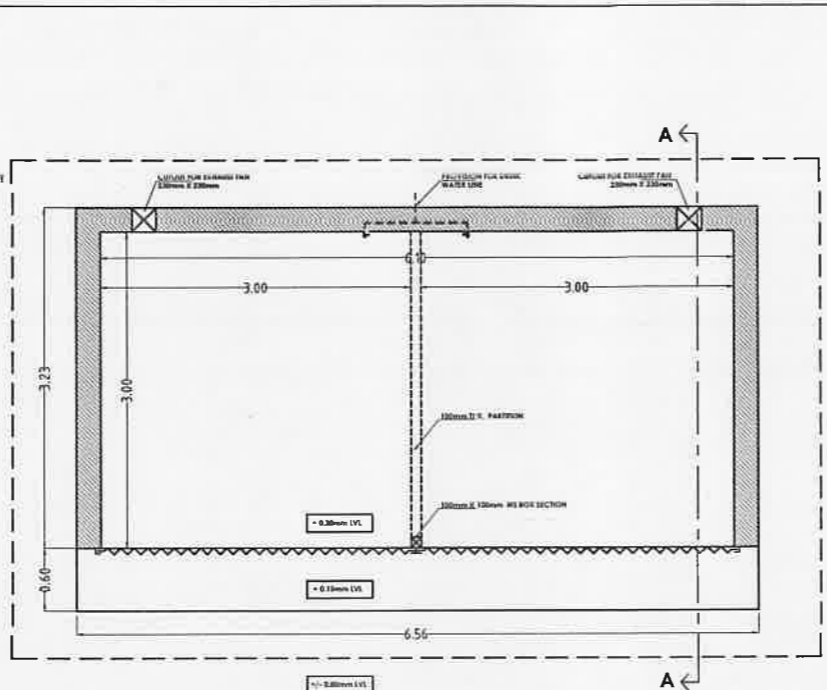
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PERGOLA DETAILS

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| CHECKED | M.V.P | |

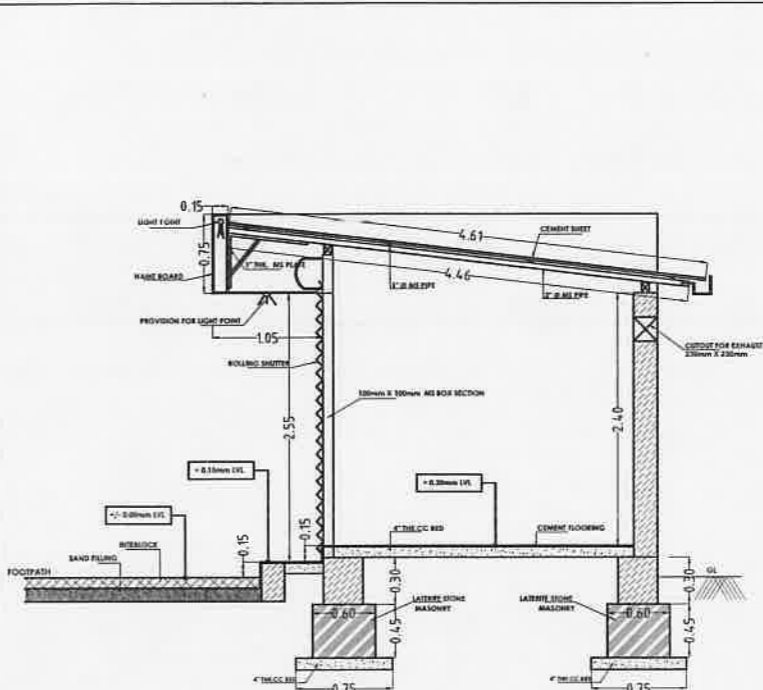
ARCHITECTS :
pailands associates
architects & interior designers
#1, temple square, cardstreet
mangalore. ph- 2495651, 2496539
pailands@gmail.com



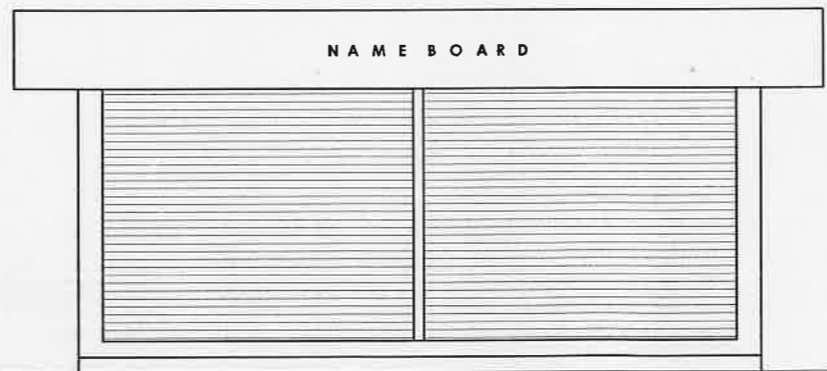
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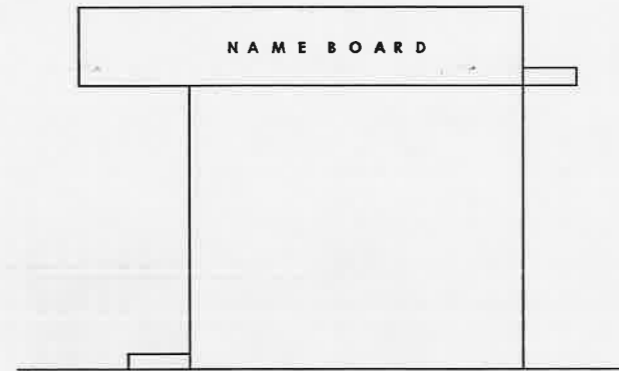
PLAN



SECTION @ AA



FRONT ELEVATION



SIDE ELEVATION

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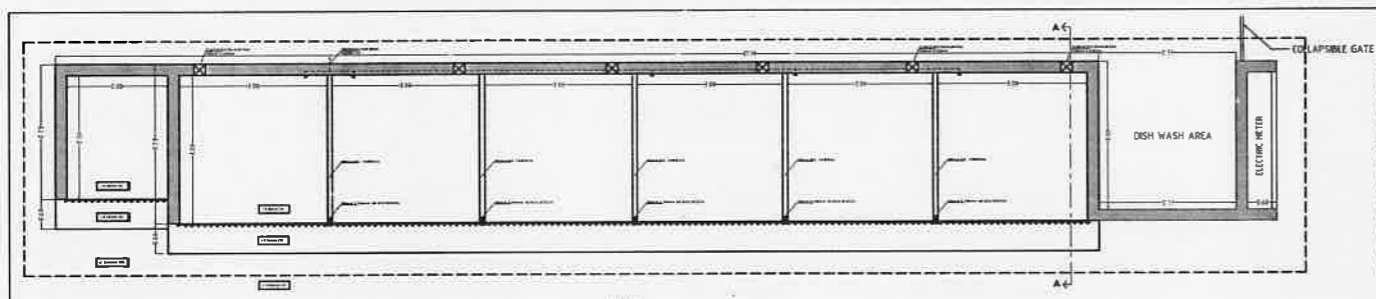
PROJECT :
KADRI PARK

DWG. TITLE :
EAST WING
SHOP DETAILS

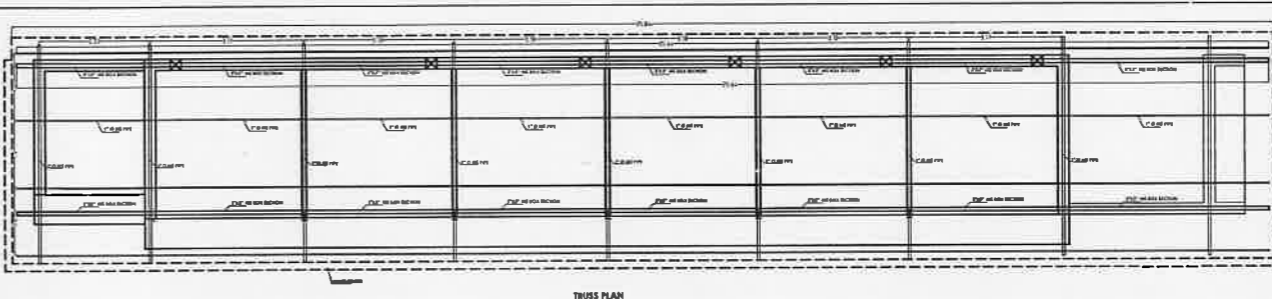
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| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :
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architects & interior designers
#1, Samplo square, carshreeel
mangalore, ph- 2495451, 2494537
pallands@gmail.com

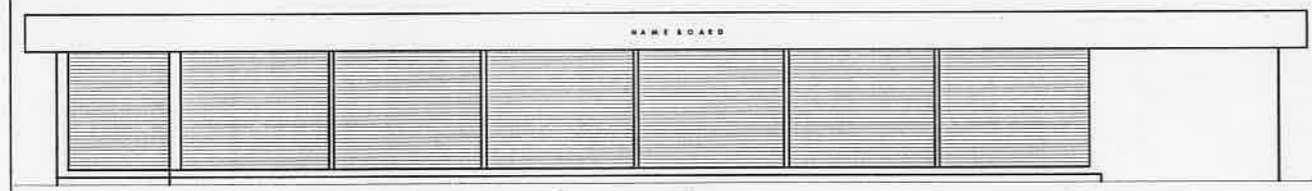
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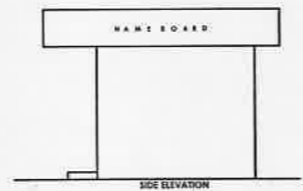
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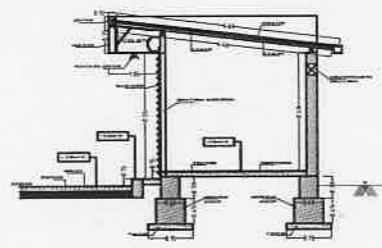
TRUSS PLAN



FRONT ELEVATION



SIDE ELEVATION



SECTION @ AA

NOTES:

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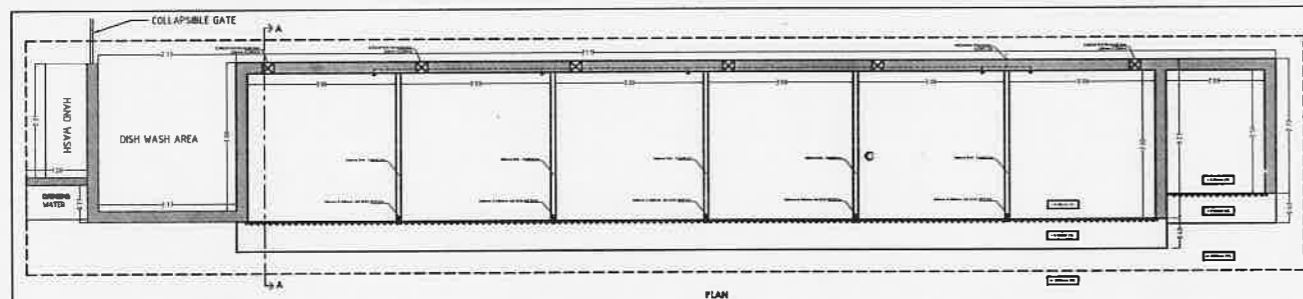
PROJECT:
KADRI PARK

DWG. TITLE:
EAST WING
SHOP DETAILS

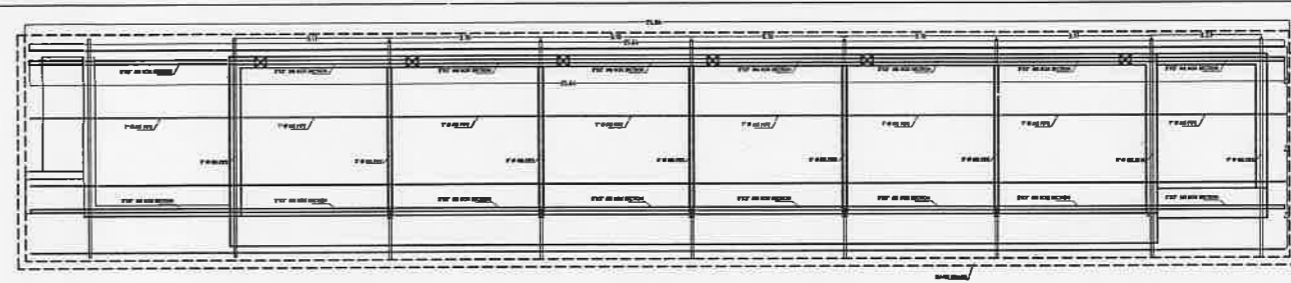
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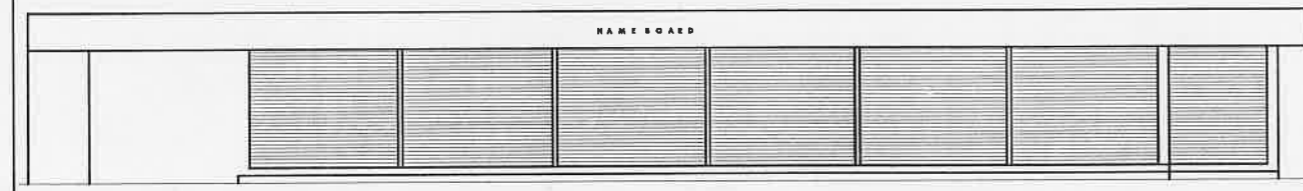
paikani associates
ARCHITECTS & ENGINEERS
20, BANGALORE ROAD, KADRI PARK,
MANGALURU, KERALA
INDIA



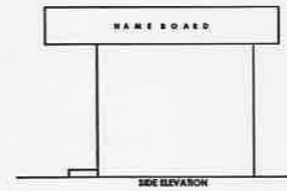
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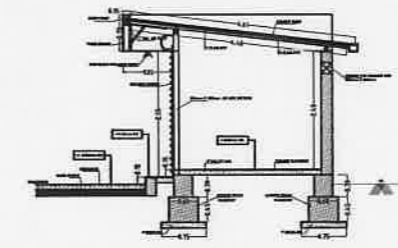
TRUSS PLAN



FRONT ELEVATION



SIDE ELEVATION



SECTION @ AA

NOTES:

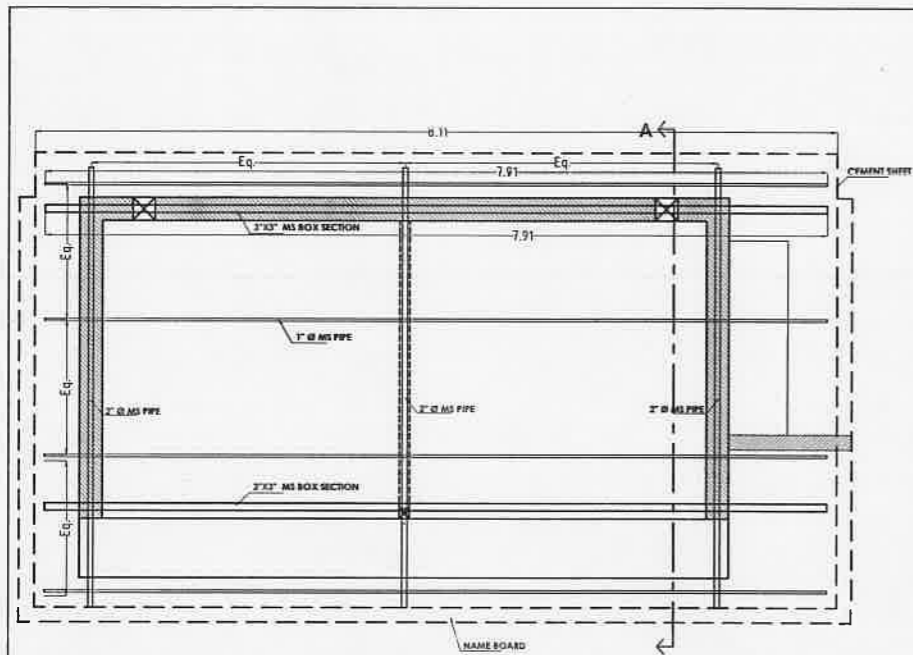
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MSCL
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PROJECT:
 KADRI PARK

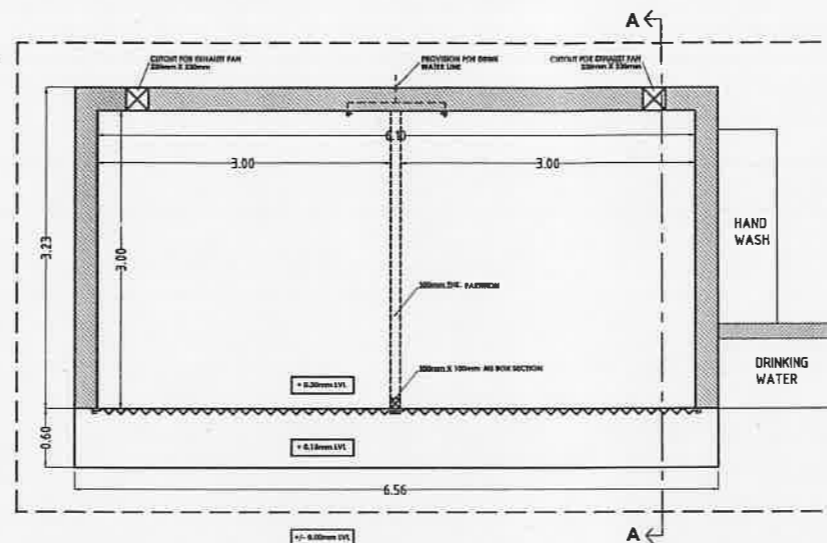
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 SHOP DETAILS

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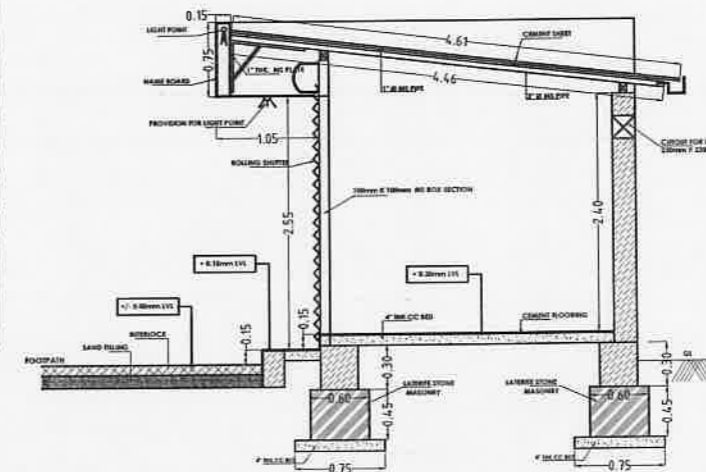
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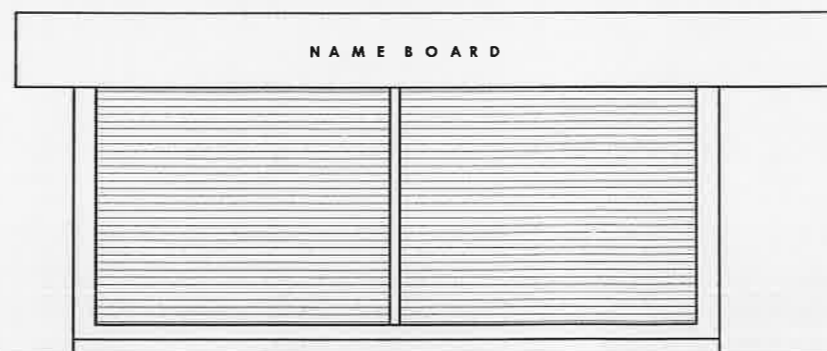
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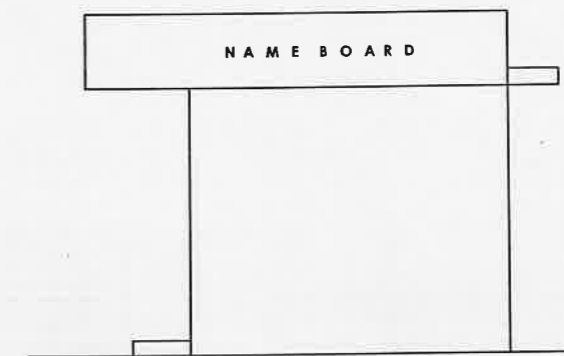
PLAN



SECTION @ AA



FRONT ELEVATION



SIDE ELEVATION

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MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

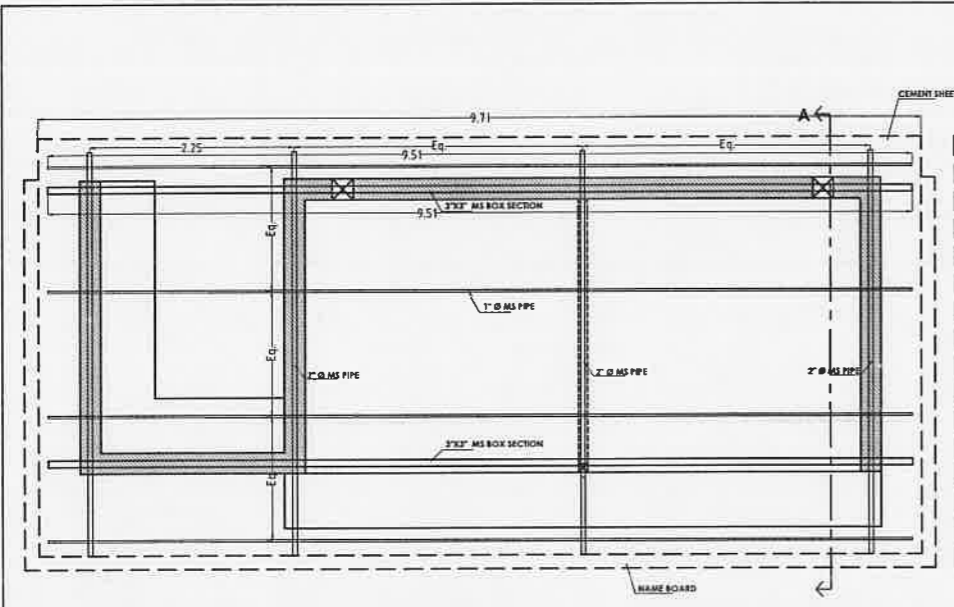
EAST WING
SHOP DETAILS

| DATE | SCALE | DWG. NO |
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| CHECKED | M.V.P | |

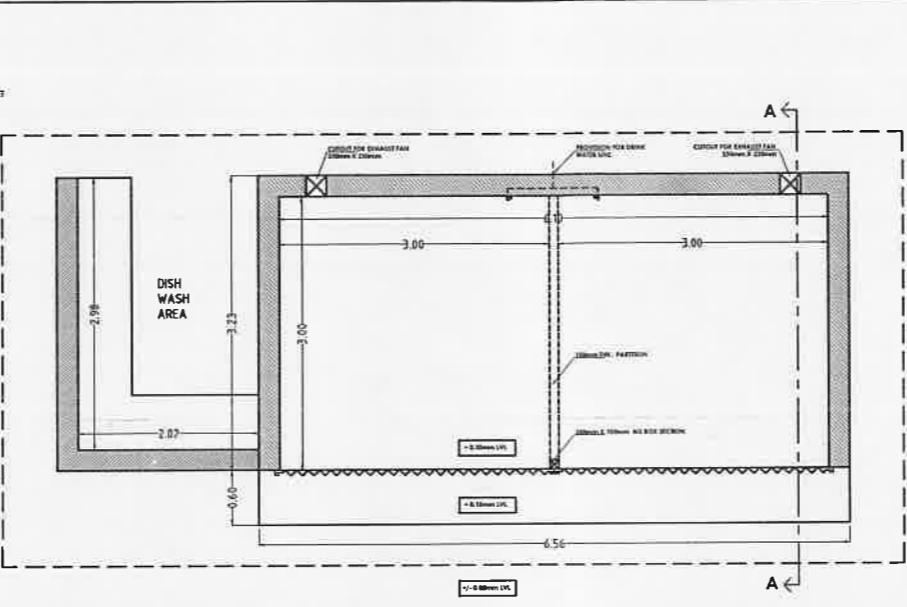
ARCHITECTS :

pallands associates
architects & interior designers
#1, temple square, corstreeet
mangalore, ph: 2415451, 2415439
pallands@gmail.com

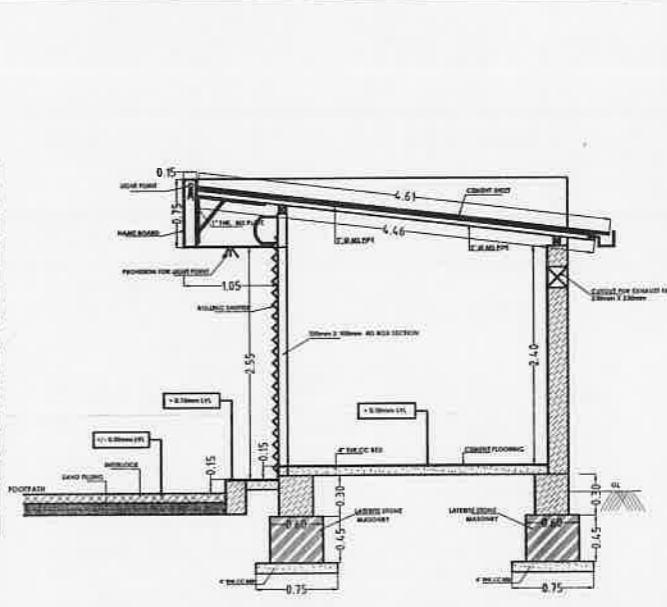
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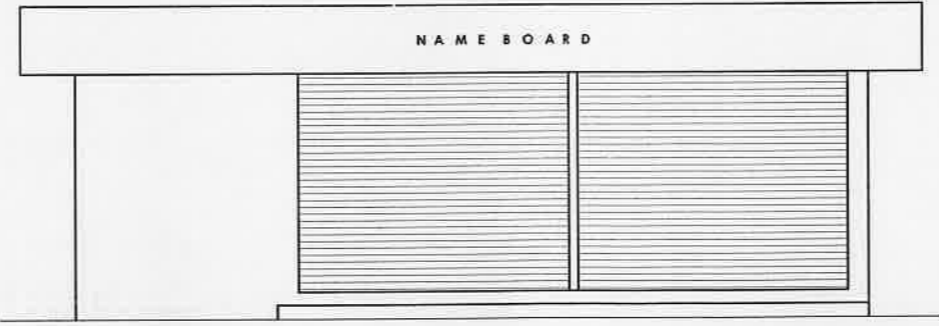
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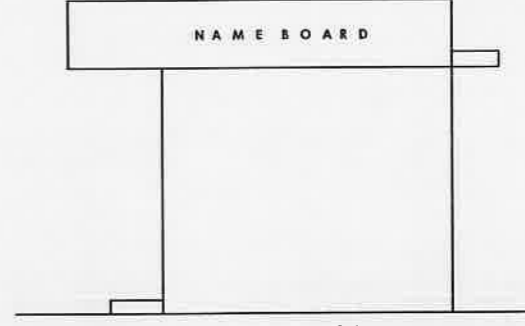
PLAN



SECTION @ AA



FRONT ELEVATION



SIDE ELEVATION

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PROJECT :
KADRI PARK

DWG. TITLE :
EAST WING
SHOP DETAILS

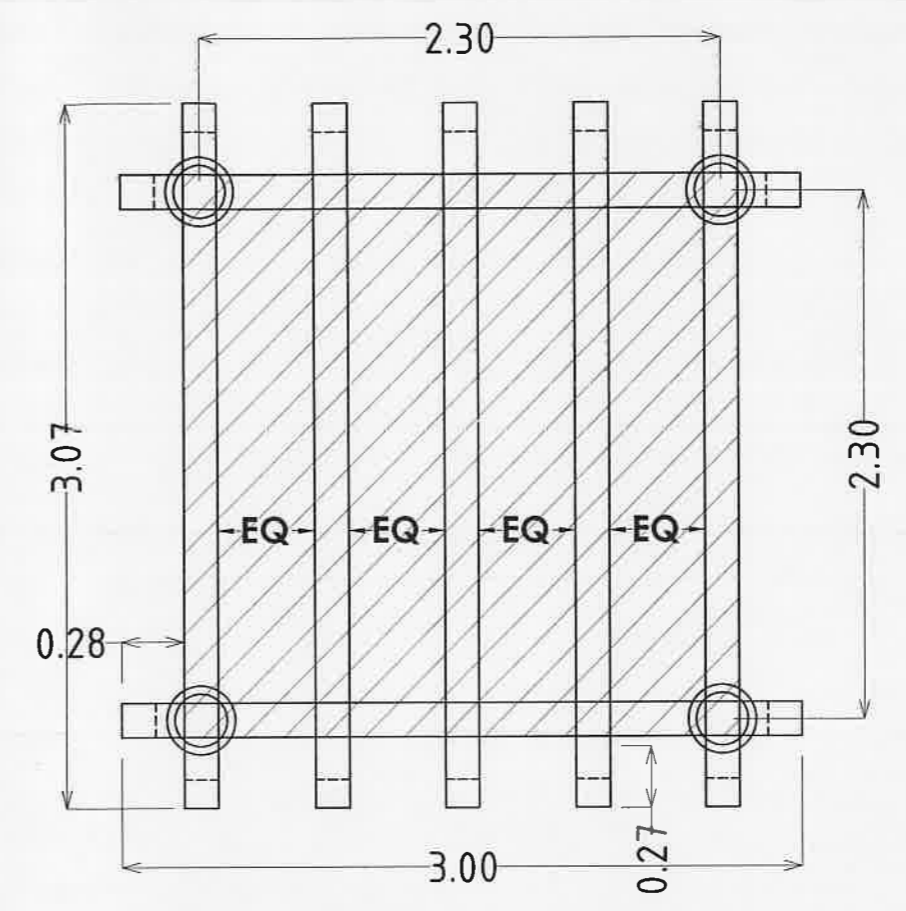
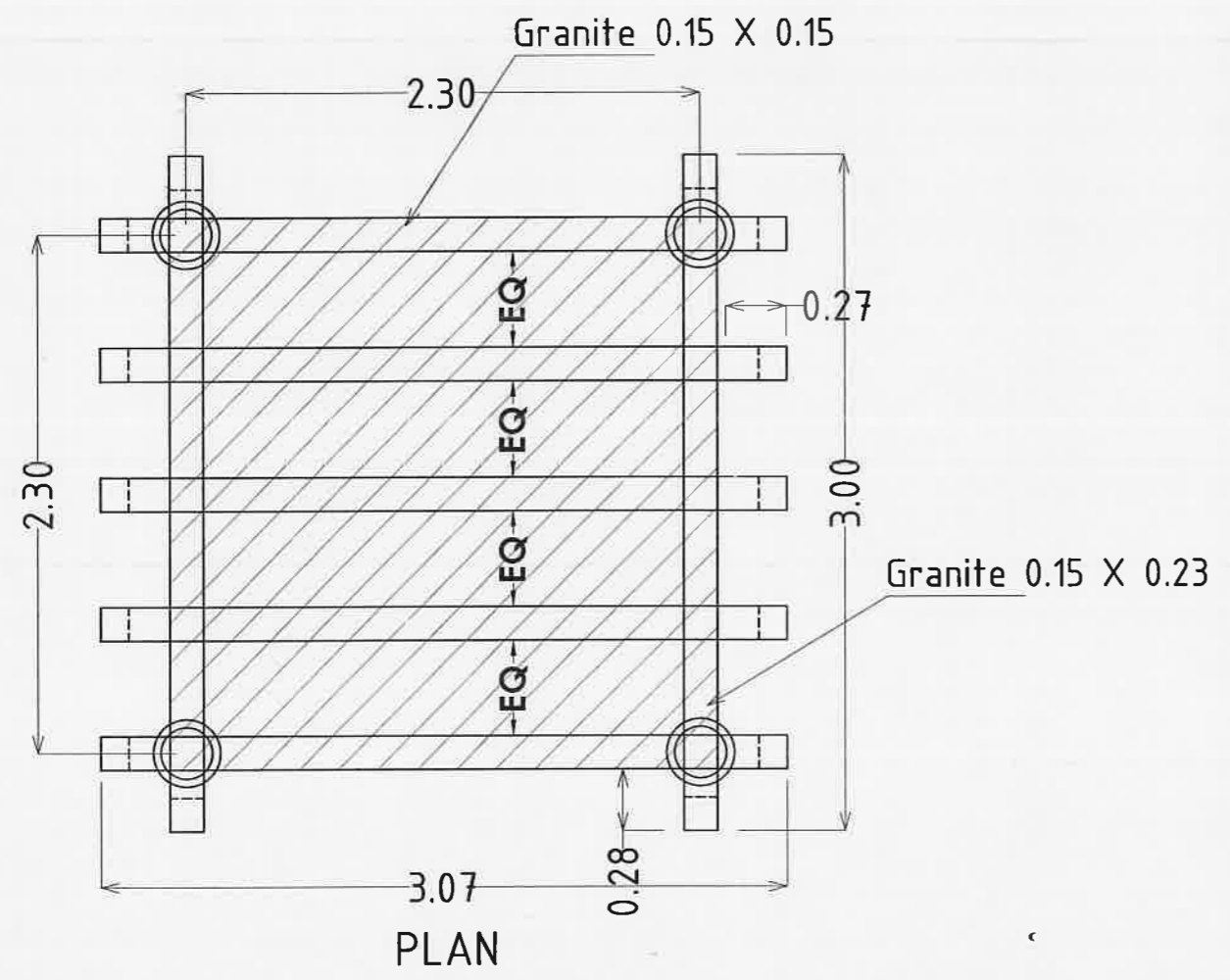
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| DATE | SCALE | DWG. NO |
| 13-03-2019 | N.T.S | EST-010 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |
| ARCHITECTS : | | |

pallands associates
architects & interior designers
#1, Heppala Nagar, Coastal
Mangalore, ph- 9448451, 984639
pallands @ gmail.com

1 No

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NOTES :



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 MANGALURU SMART CITY LIMITED


PROJECT :

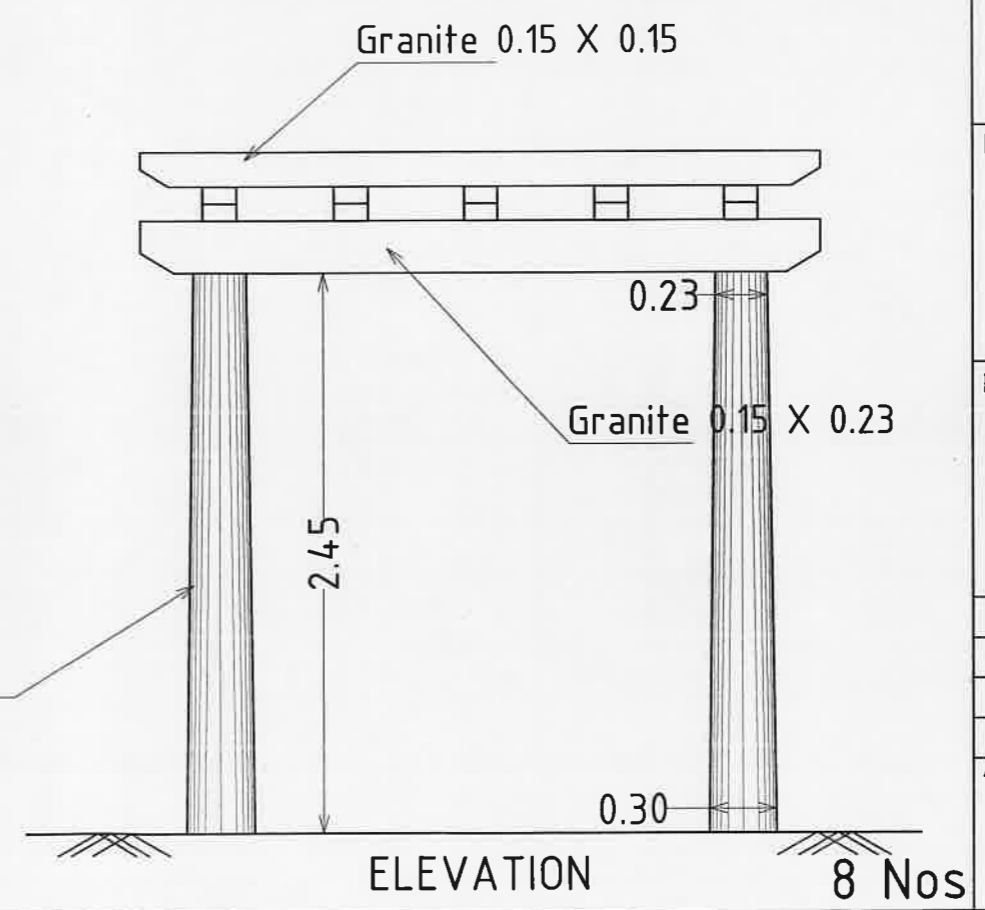
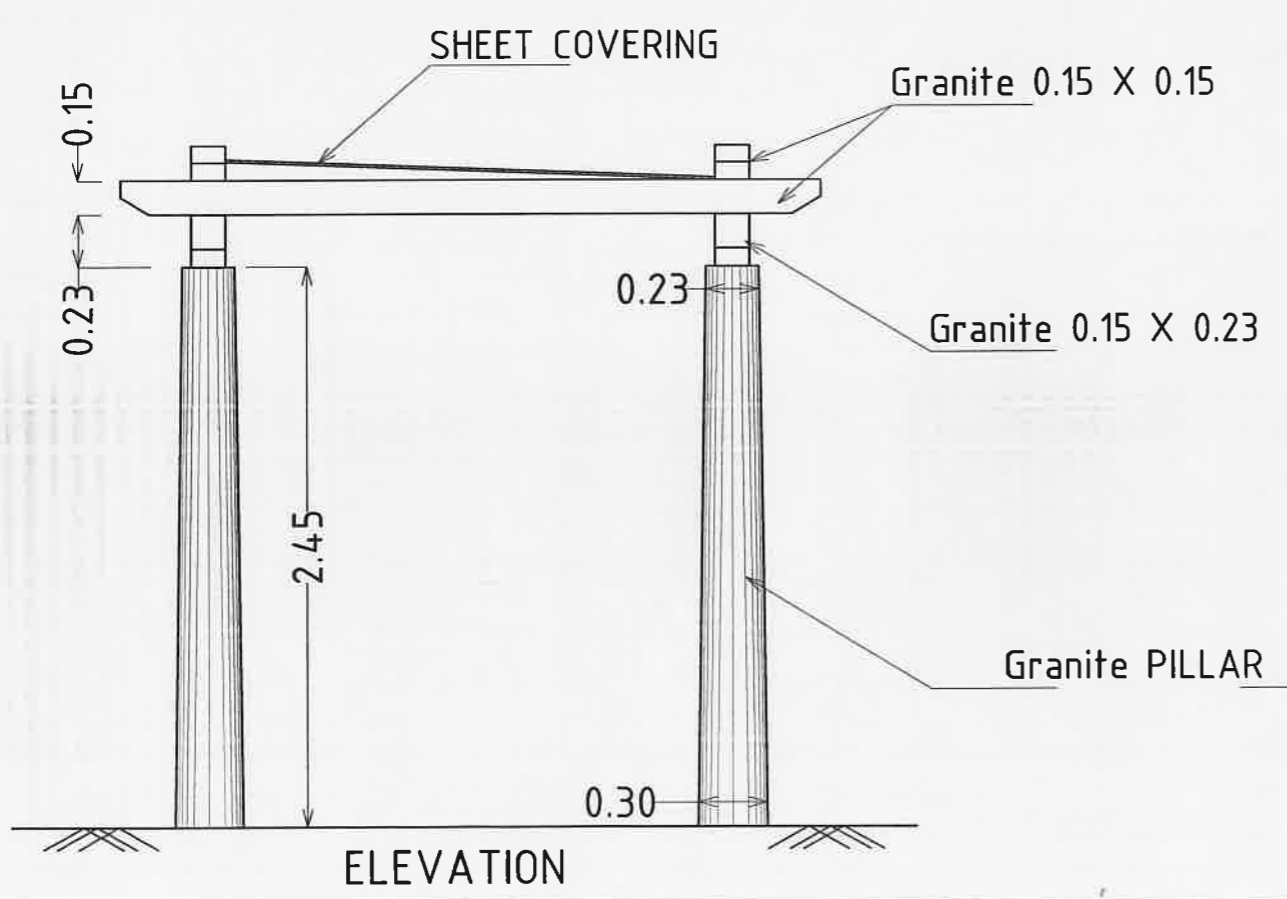
 KADRI PARK

DWG. TITLE :

 PERGOLA DETAILS

| | | |
|------------|-------|---------|
| DATE | SCALE | DWG. NO |
| 13-03-2019 | N.T.S | EST-006 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

pailands associates
 architects & interior designers
 #1, temple square, carstreet
 mangalore. ph- 2495651, 2496539
 pailands @ gmail.com



8 Nos

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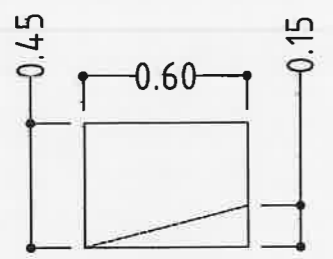
CLIENT :
MSCL
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PROJECT :
KADRI PARK

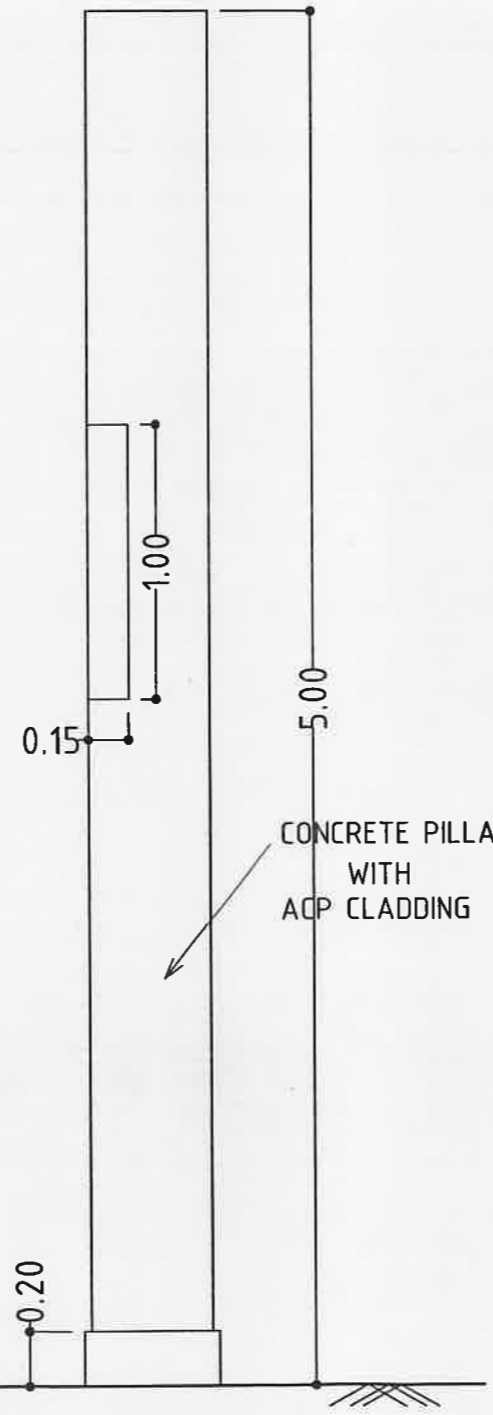
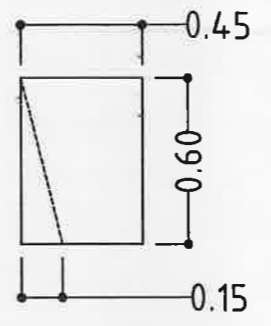
DWG. TITLE :
PILLAR DETAILS

| | | |
|------------|-------|---------|
| DATE | SCALE | DWG. NO |
| 13-03-2019 | N.T.S | EST-006 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

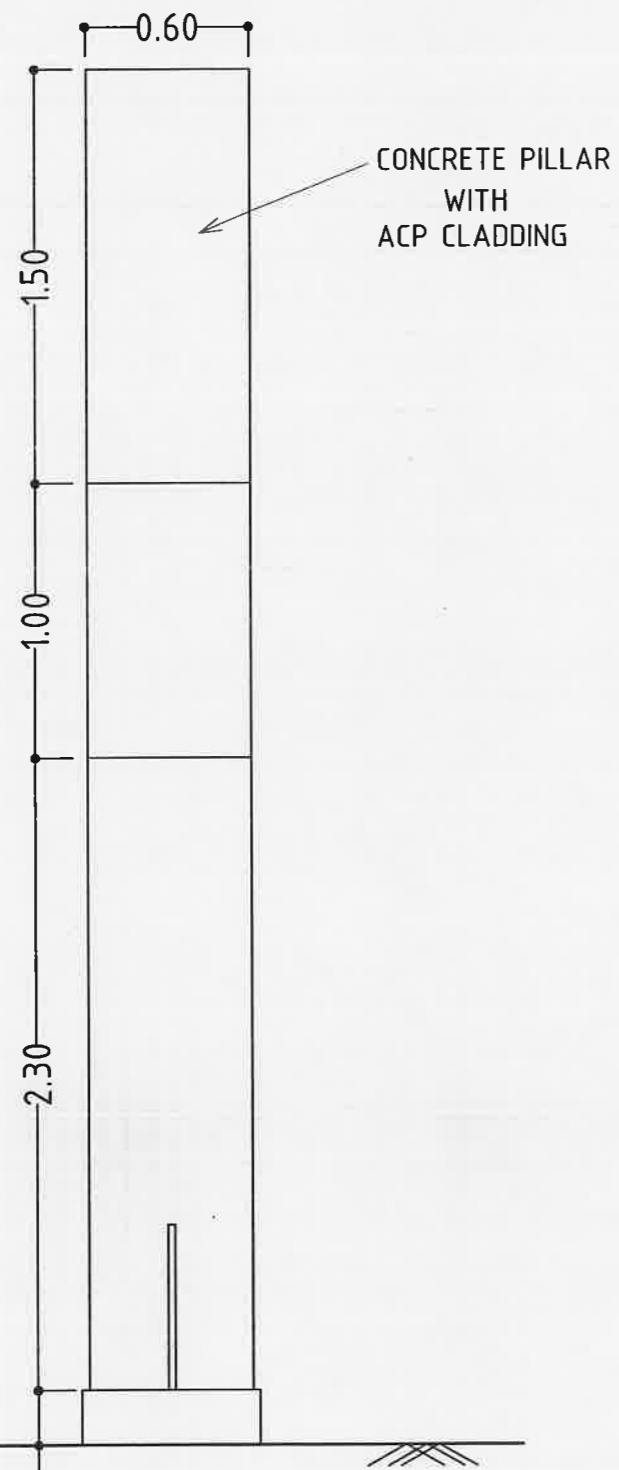
ARCHITECTS :
pailands associates
architects & interior designers
#1, temple square, carstreet
mangalore. ph- 2495651, 2496539
pailands@gmail.com



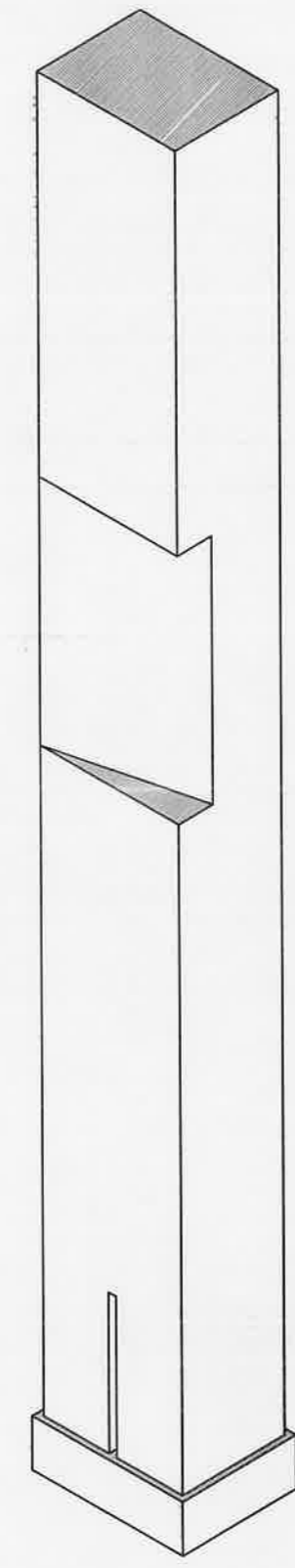
TOP VIEW



SIDE ELEVATION



FRONT ELEVATION



ISOMETRIC VIEW

8 Nos

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NOTES :

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PROJECT :

KADRI PARK

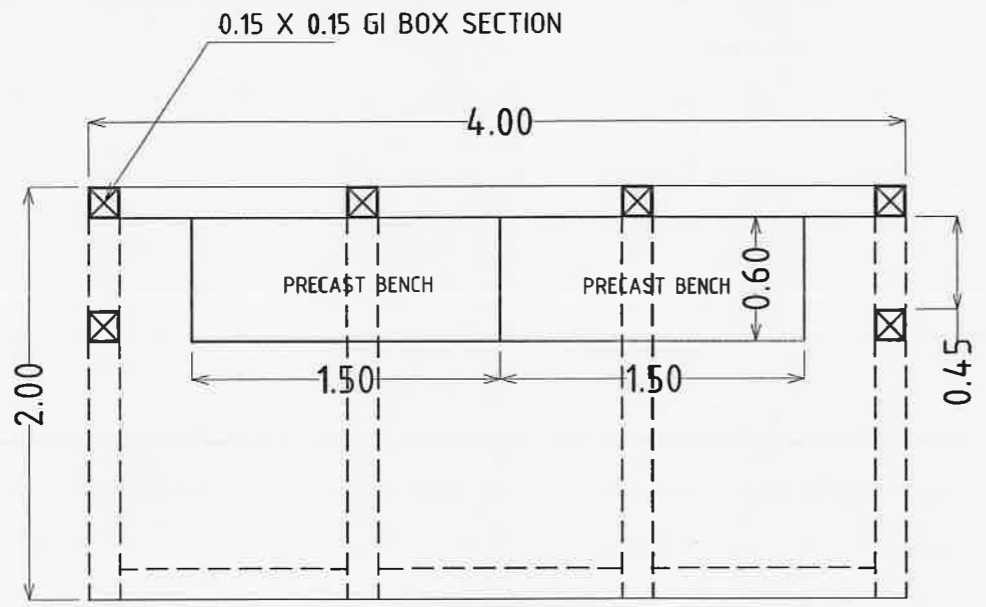
DWG. TITLE :

STEEL PERGOLA DETAILS

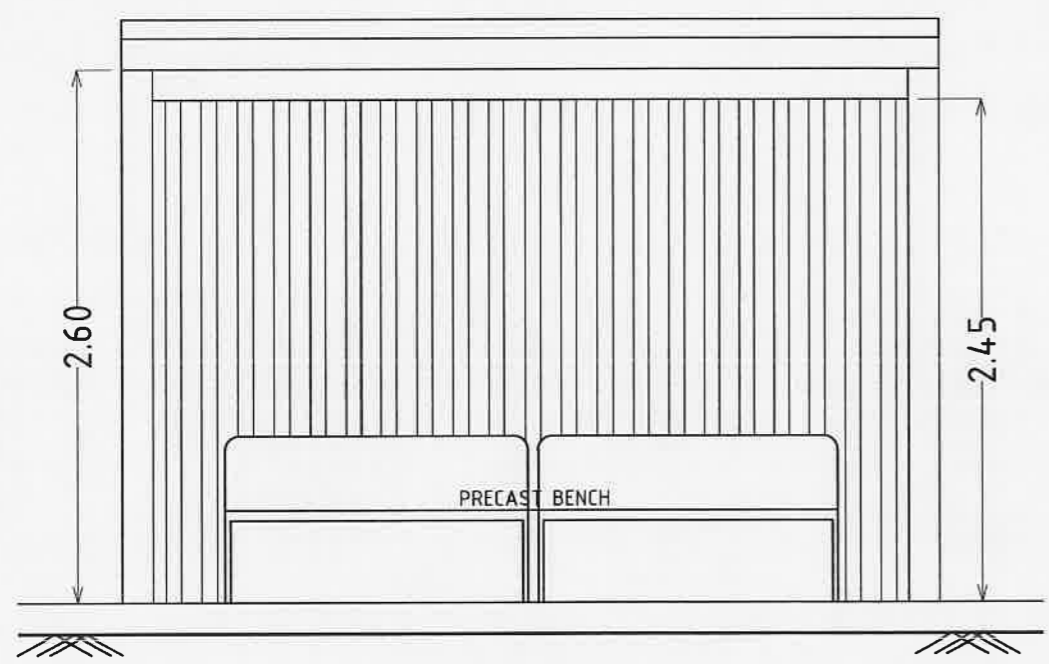
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| DATE | SCALE | DWG. NO |
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| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

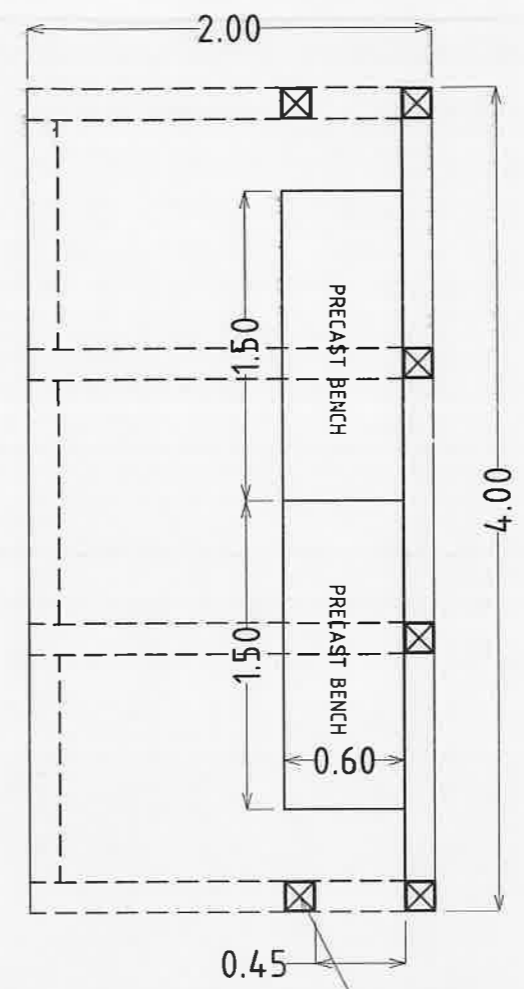
pailands associates
 architects & interior designers
 #1, temple square, carstreet
 mangalore. ph- 2495651, 2496539
 pailands@gmail.com



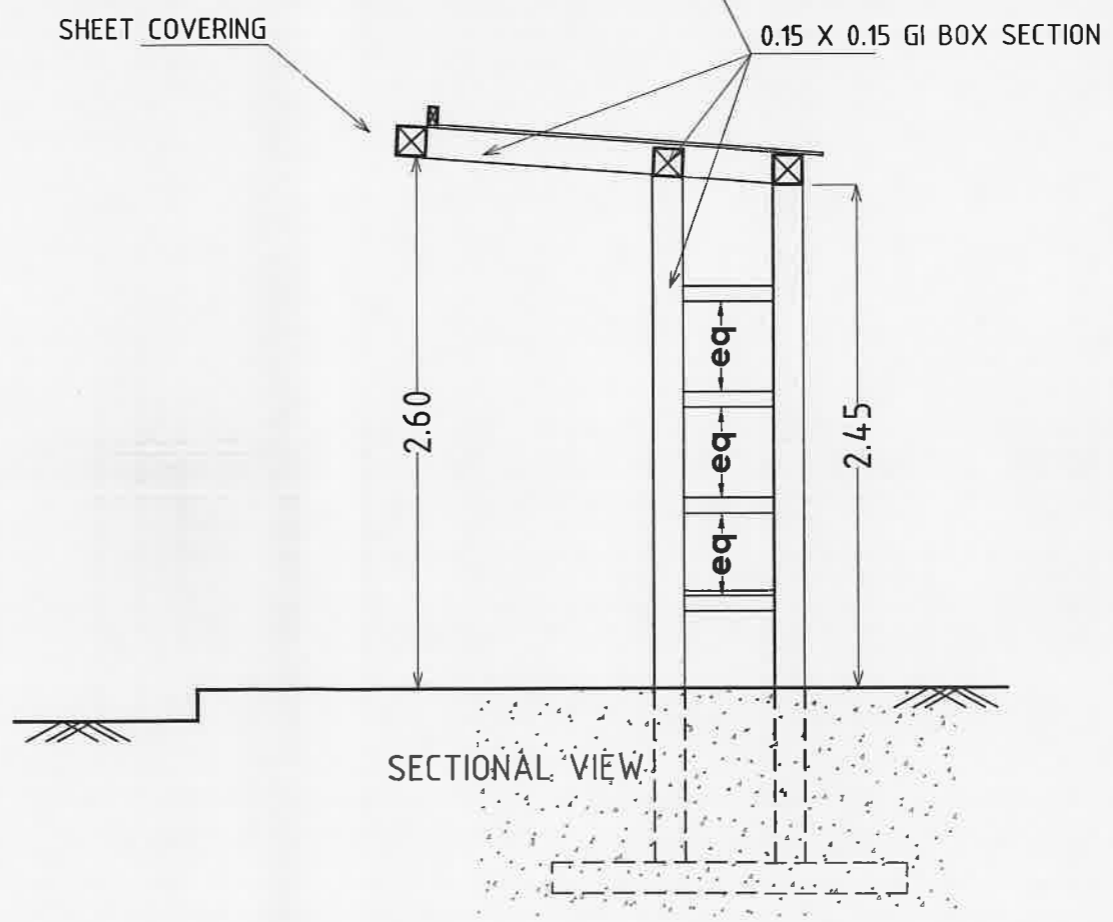
PLAN

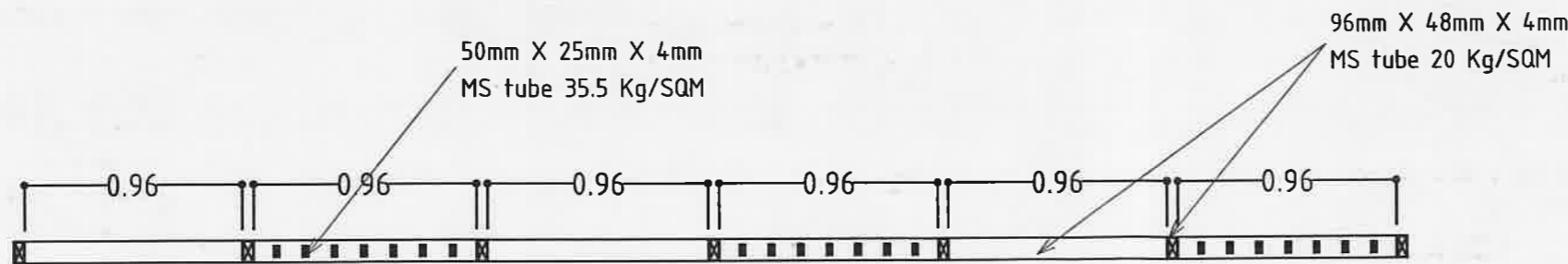
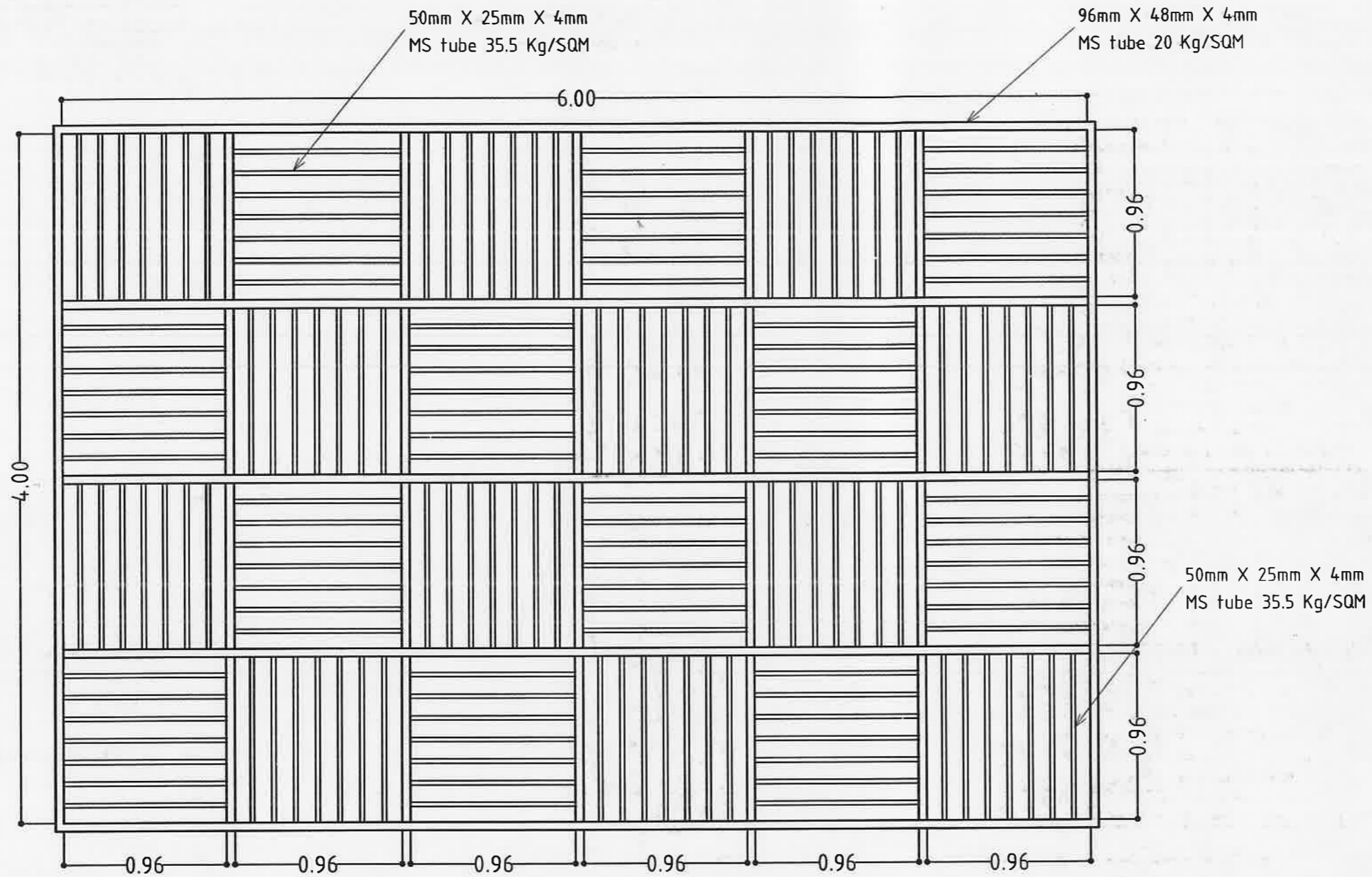


FRONT VIEW



SECTIONAL VIEW





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PROJECT :

KADRI PARK

DWG. TITLE :

STEEL PERGOLA DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

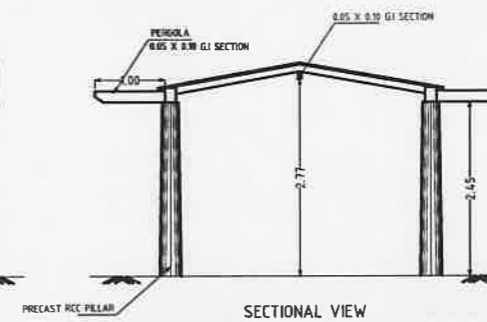
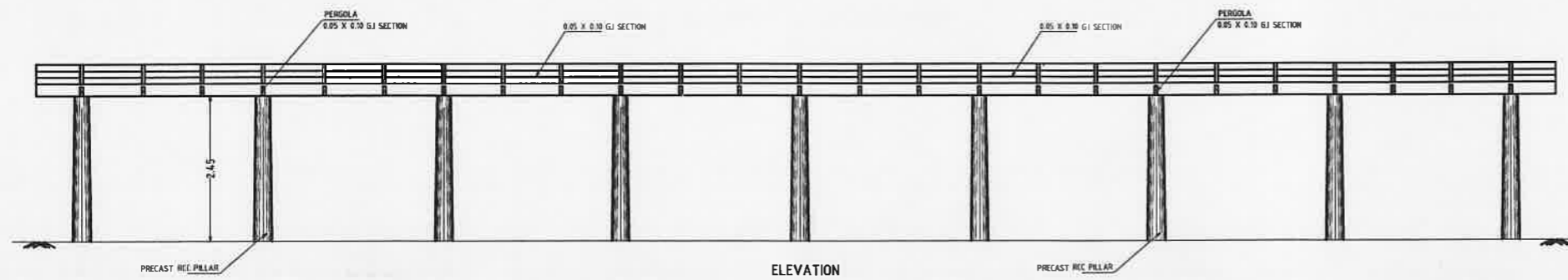
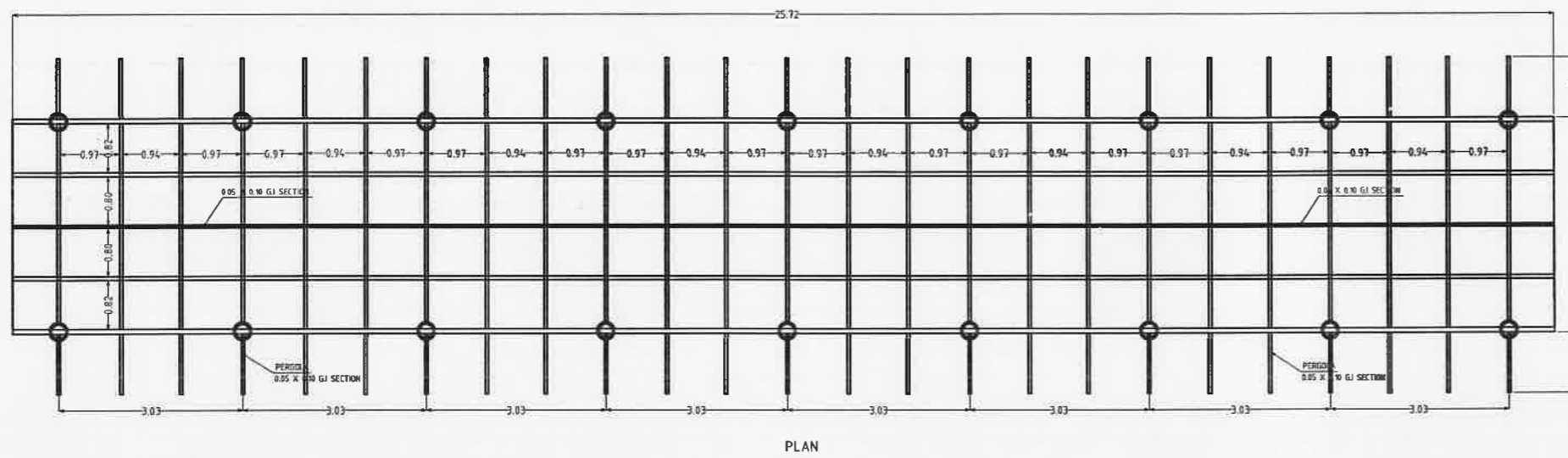
ARCHITECTS :



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architects & interior designers
#1, temple square, carstreet
mangalore. ph- 2495451, 2496539
pailands@gmail.com

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NOTES :



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MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

TRUSS DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | EST-002 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :



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NOTES :

CLIENT :

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PROJECT :

 KADRI PARK

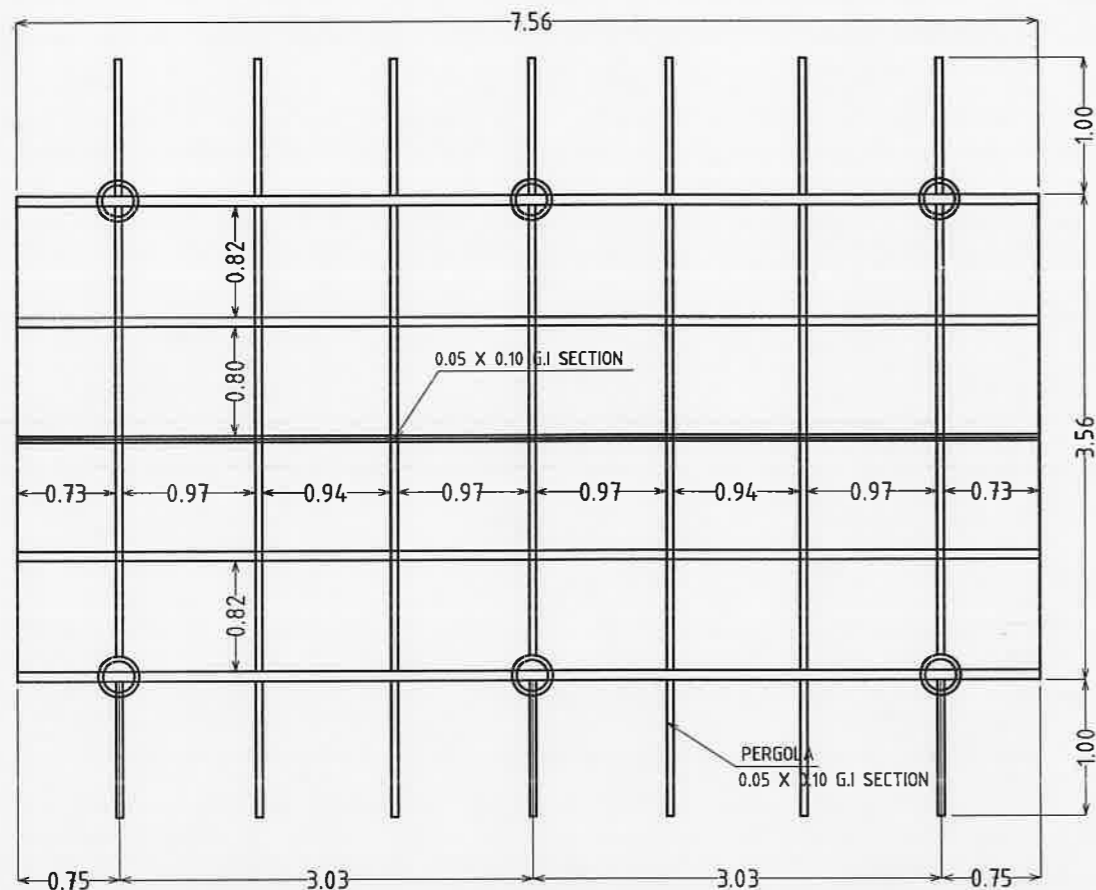
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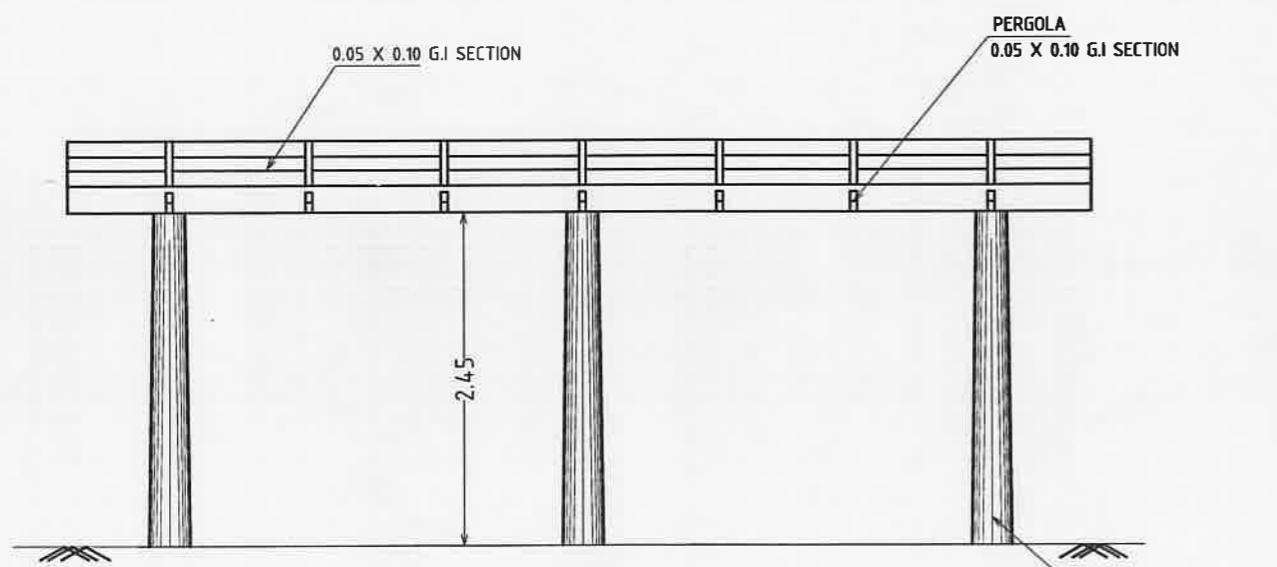
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|------------|-------|---------|
| DATE | SCALE | DWG. NO |
| 13-03-2019 | N.T.S | EST-004 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

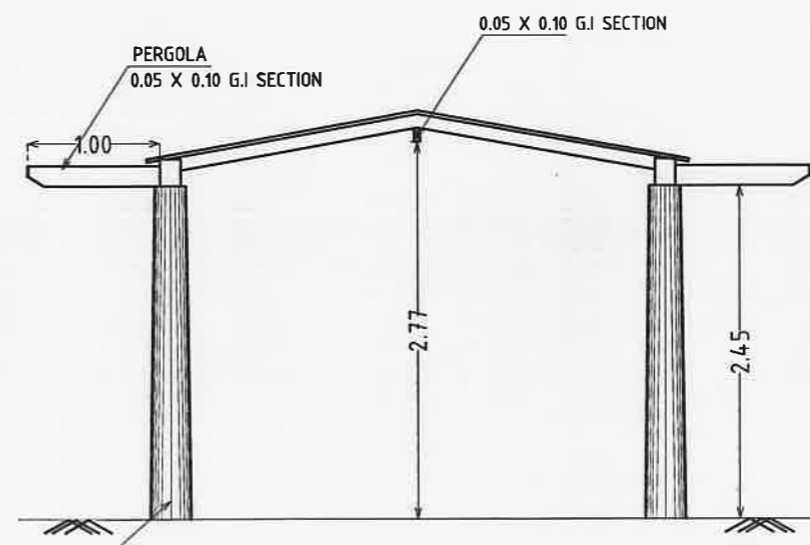
pailands associates
 architects & interior designers
 #1, temple square, carstreet
 mangalore. ph- 2495651, 2496539
 pailands@gmail.com



PLAN



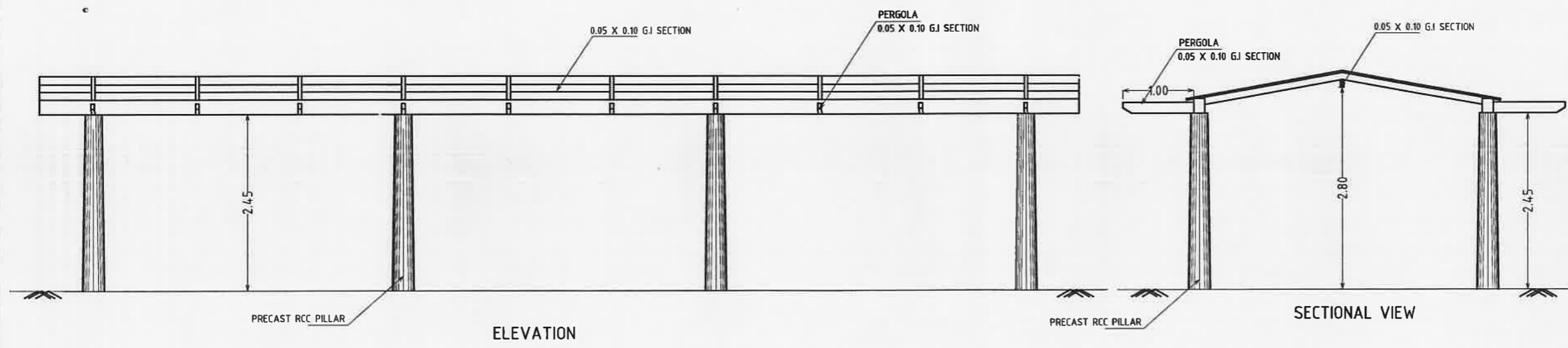
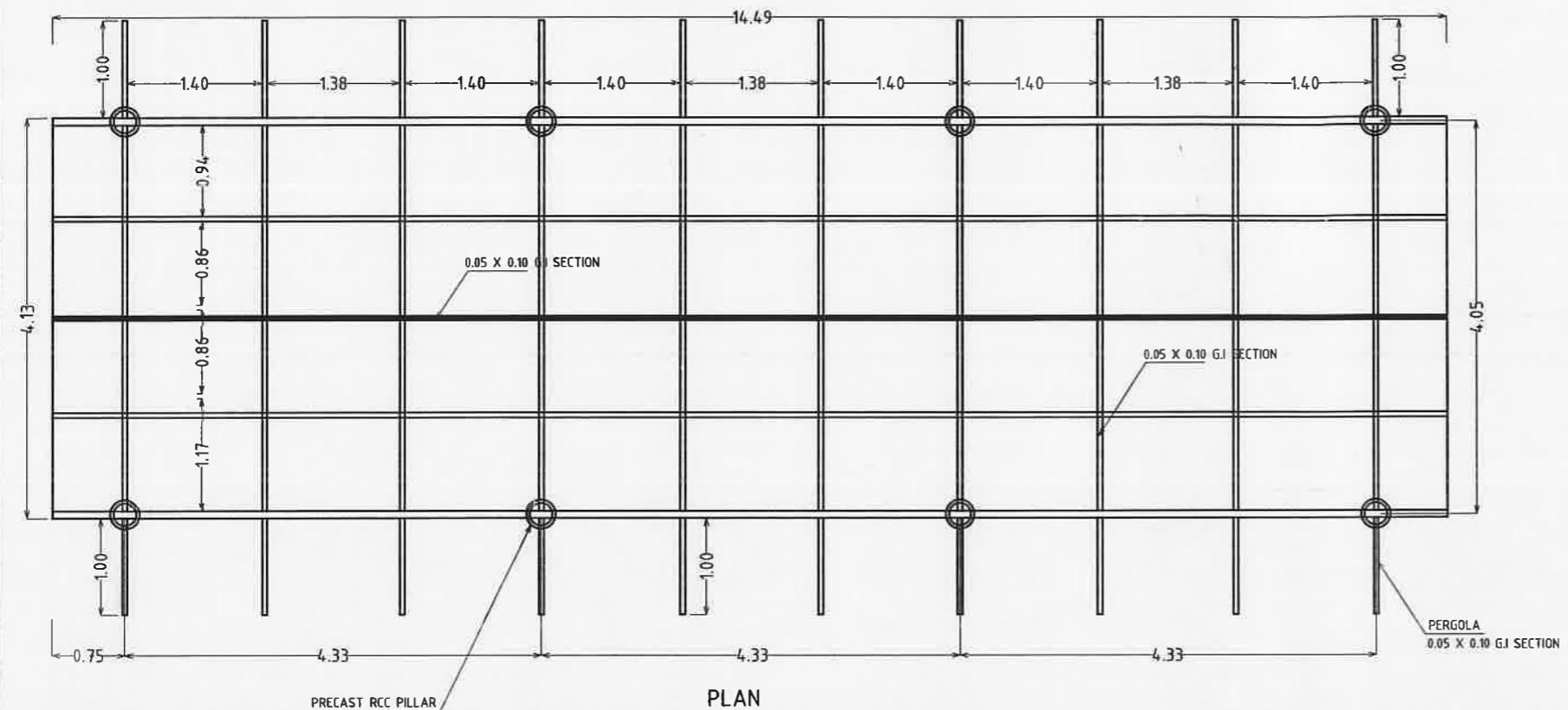
ELEVATION



SECTIONAL VIEW

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NOTES :



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PROJECT :

KADRI PARK

DWG. TITLE :

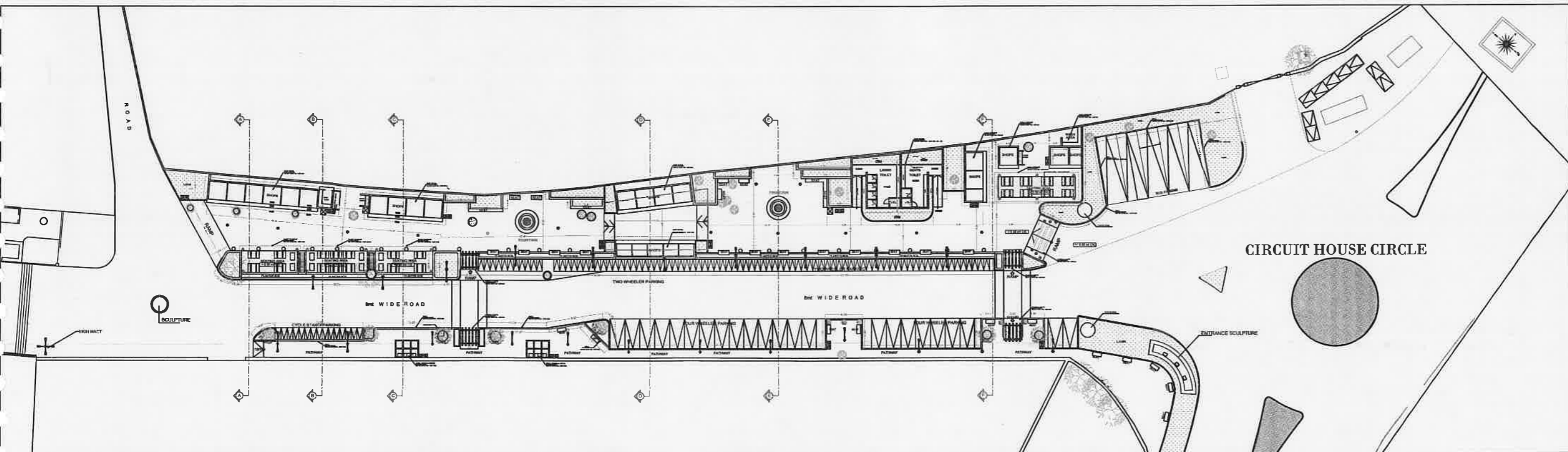
TRUSS DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | EST-003 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

pailands associates
 architects & interior designers
 #1, temple square, carstreet
 mangalore. ph- 2495651, 2496539
 pailands@gmail.com

2 Nos



1. In the absence of a specific 'As-Built' condition, a
 2. In the absence of a specific 'As-Built' condition, a
 3. In the absence of a specific 'As-Built' condition, a
 4. In the absence of a specific 'As-Built' condition, a
 5. In the absence of a specific 'As-Built' condition, a

NOTES:

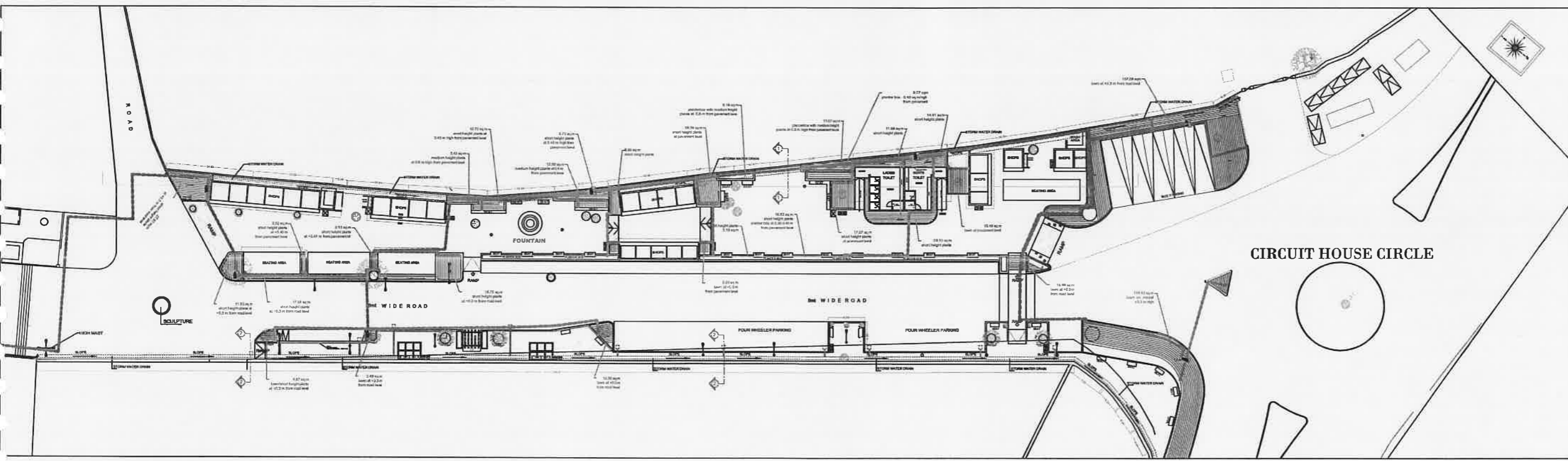
CLIENT:
M S C L

PROJECT:
KACIB PARK

DWG. TITLE:
WEST WING
MASTER PLAN

| | | |
|------------|-------|----------|
| DATE | SCALE | DWG. NO. |
| 15/03/2010 | 1:1 | 001 |
| DRAWN | BY | |
| CHECKED | BY | |
| APPROVED | BY | |

polimeris association
 architects & interior designers
 81, rue de la République
 1050 Brussels, Belgium
 polimeris@polimeris.com



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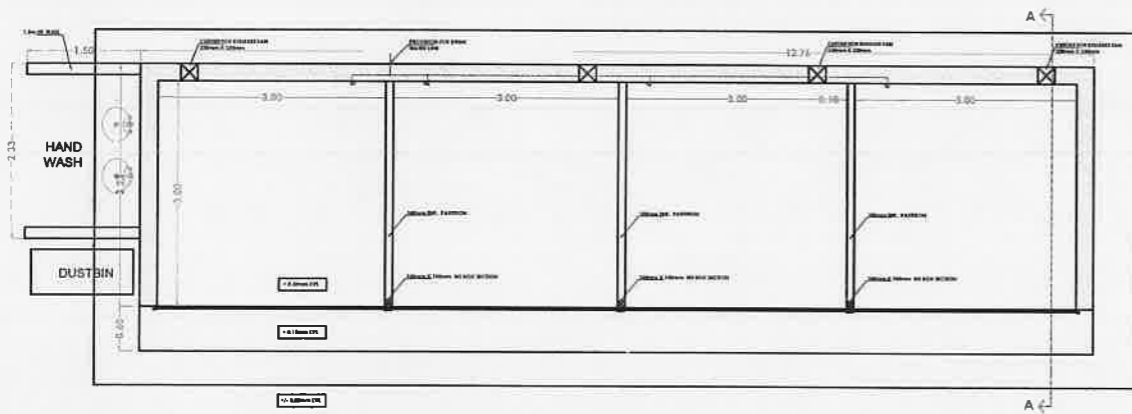
CLIENT: M S C L

PROJECT: KASER PARK

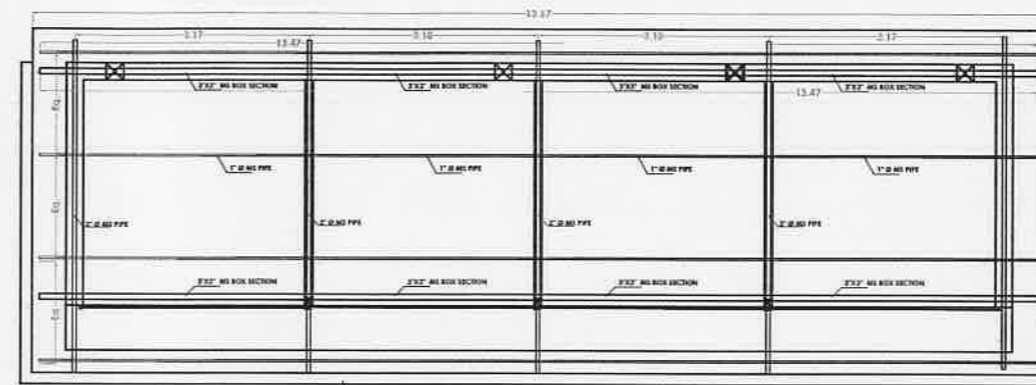
DWG. TITLE: WEST WING MASTER PLAN SHOWING STORM WATER DRAIN

| DATE | BY | CHKD. BY |
|------------|--------|----------|
| 14.08.2014 | M.S.L. | |
| | K.S.R. | 013 |
| | M.A.P. | |

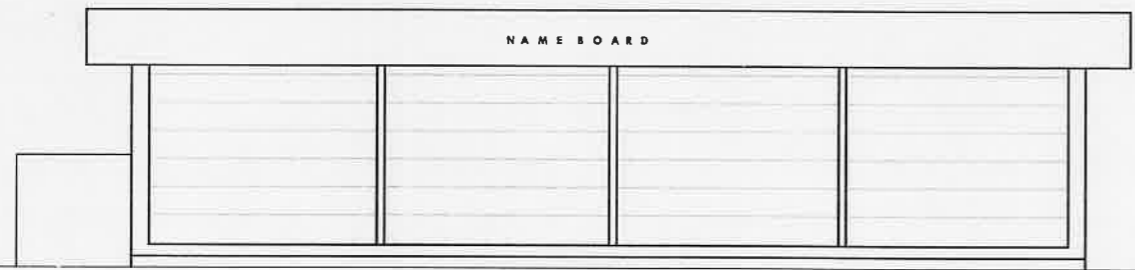
ARCHITECT: *patricia's associates*
 architects & urban designers
 85, Jambak Street, Singapore
 Singapore 117614, Singapore
 Telephone: +65 6339 1000
 Fax: +65 6339 1001
 Website: www.patriciaassociates.com



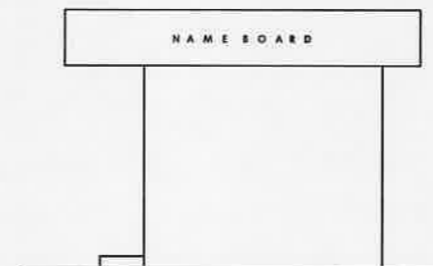
PLAN



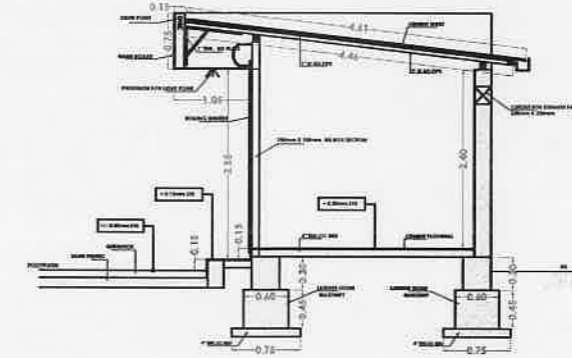
TRUSS PLAN



FRONT ELEVATION



SIDE ELEVATION



SECTION @ AA

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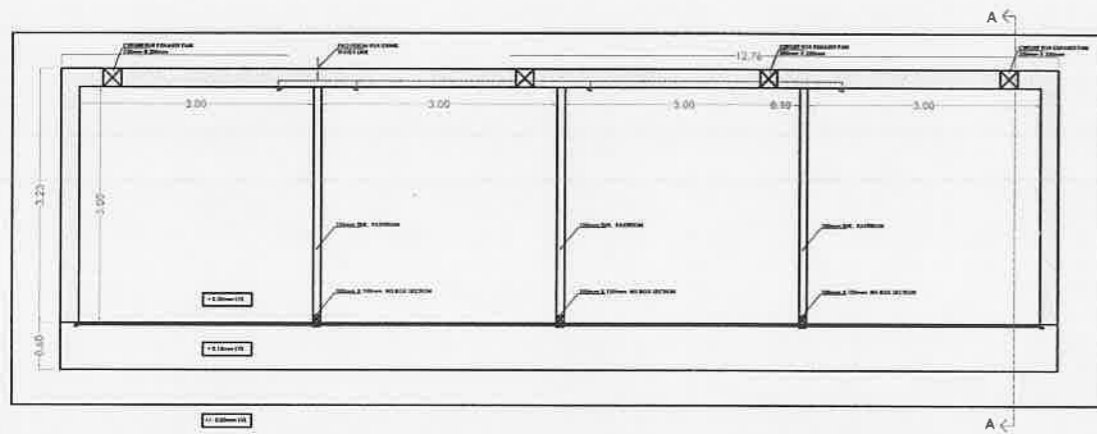
CLIENT :
MSCL
MANGALURU SMART CITY LIMITED

PROJECT :
KADRI PARK

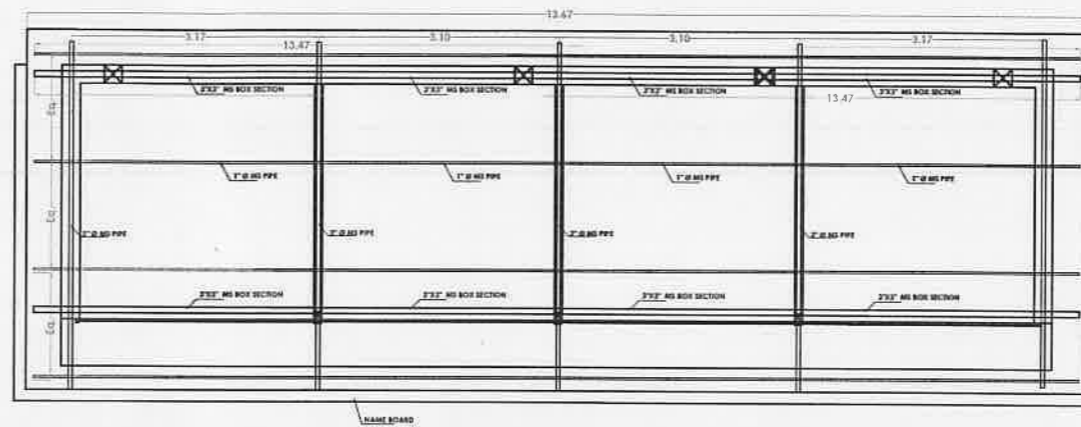
DWG. TITLE :
WEST WING
SHOP DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | 004-A |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

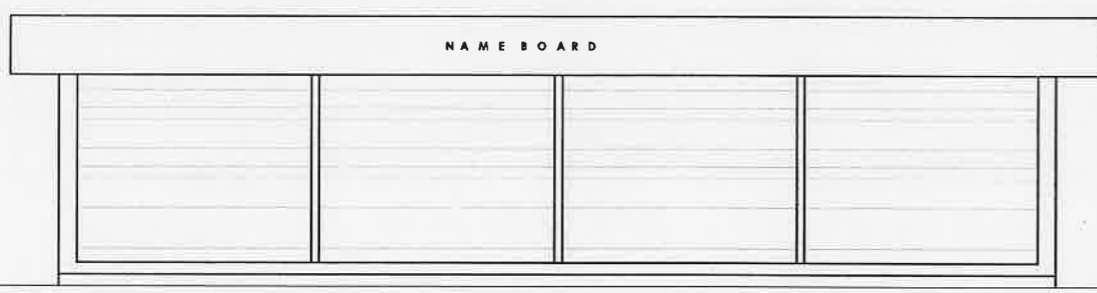
ARCHITECTS :
pailands associates
architects & interior designers
#1, temple square, corstreef
mangalore, ph- 2895451, 2898337
pailands@gmail.com



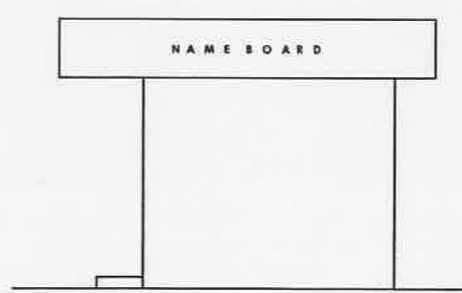
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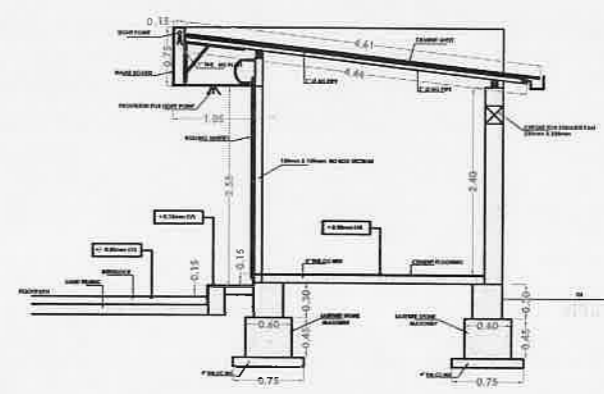
TRUSS PLAN



FRONT ELEVATION



SIDE ELEVATION



SECTION @ AA

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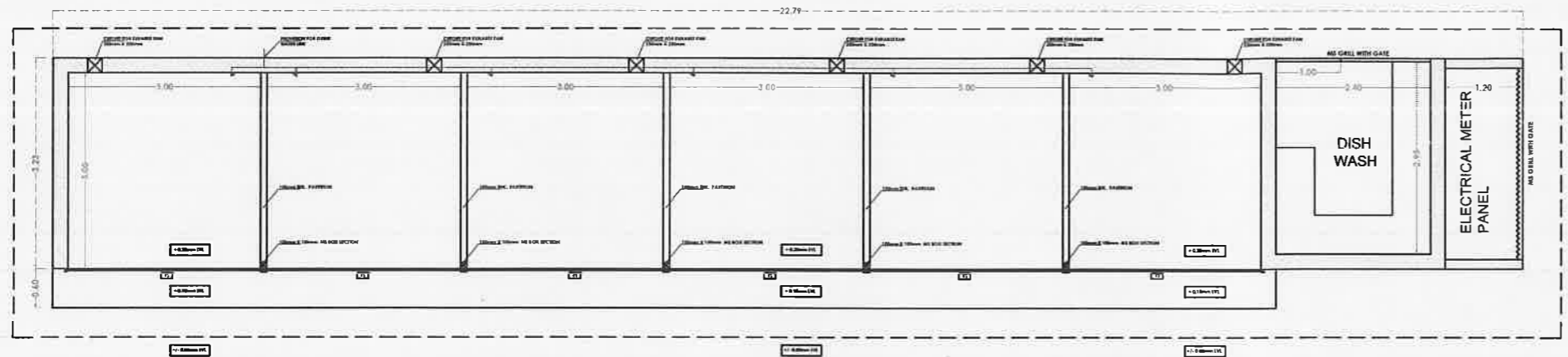
CLIENT :
MSCL
MANGALURU SMART CITY LIMITED

PROJECT :
KADRI PARK

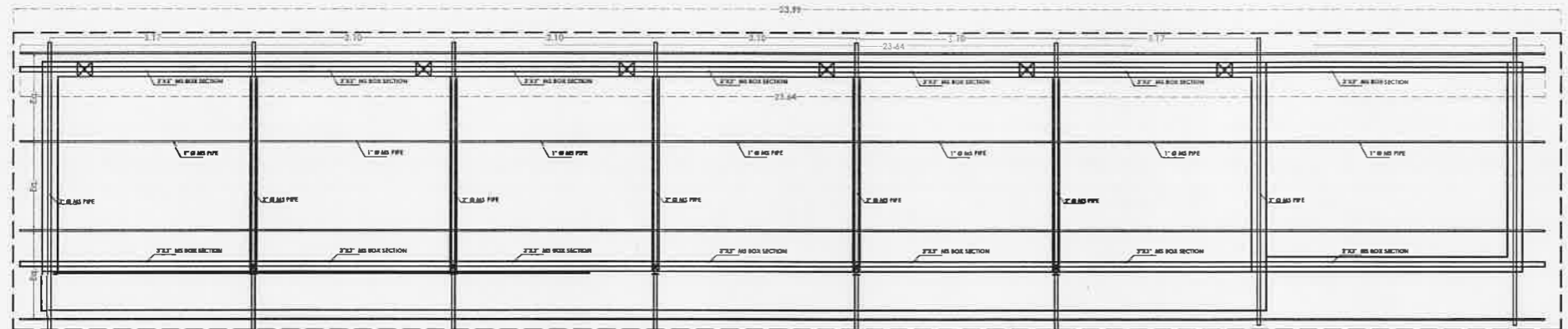
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WEST WING
SHOP DETAILS

| DATE | SCALE | DWG. NO |
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| 13-03-2019 | N.T.S | 004 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

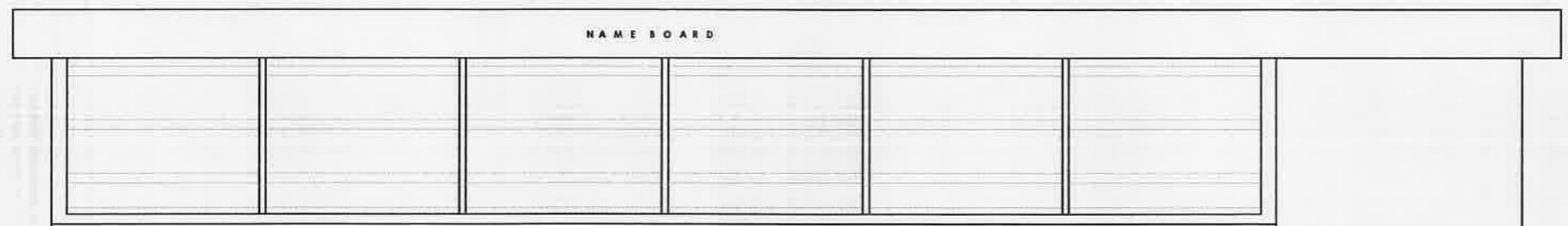
ARCHITECTS :
pallands associates
architects & interior designers
#1, temple square, carstree
mangalore, ph: 2495451, 2495539
pallands@gmail.com



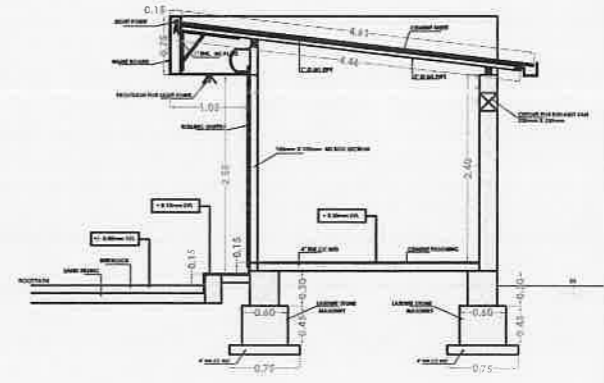
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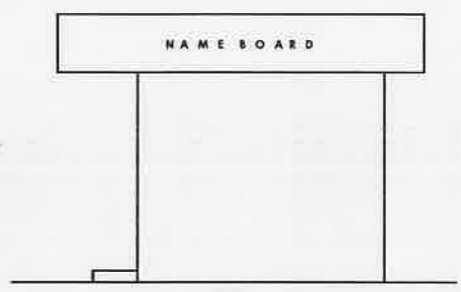
TRUSS PLAN



FRONT ELEVATION



SECTION @ AA



SIDE ELEVATION

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NOTES :

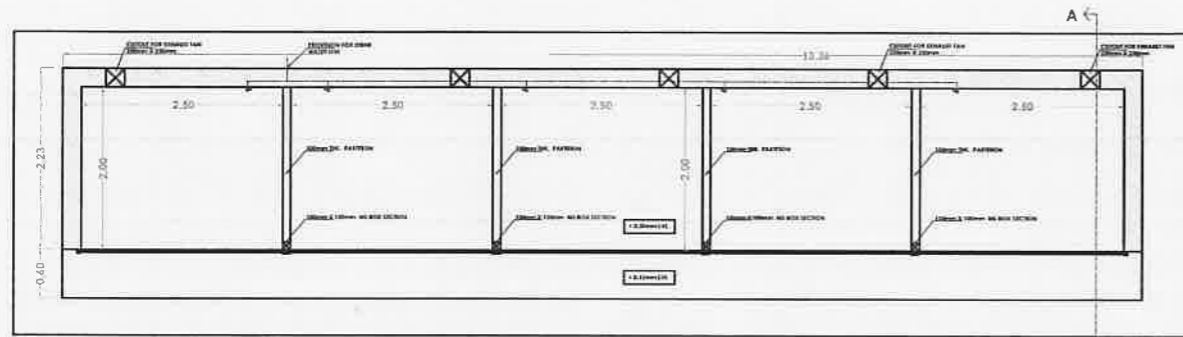
CLIENT :
MSCL
MANGALURU SMART CITY LIMITED

PROJECT :
KAORI PARK

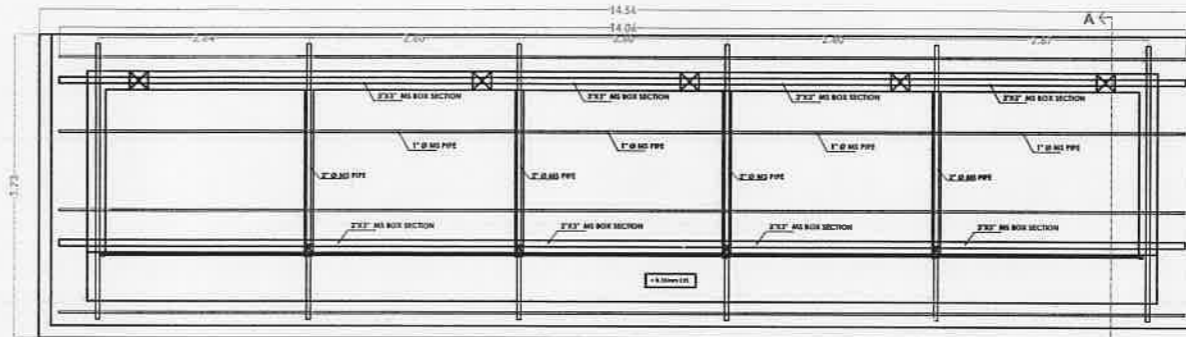
DWG. TITLE :
WEST WING
SHOP DETAILS

| DATE | SCALE | DWG. NO |
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| 13-03-2019 | N.T.S | 005 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

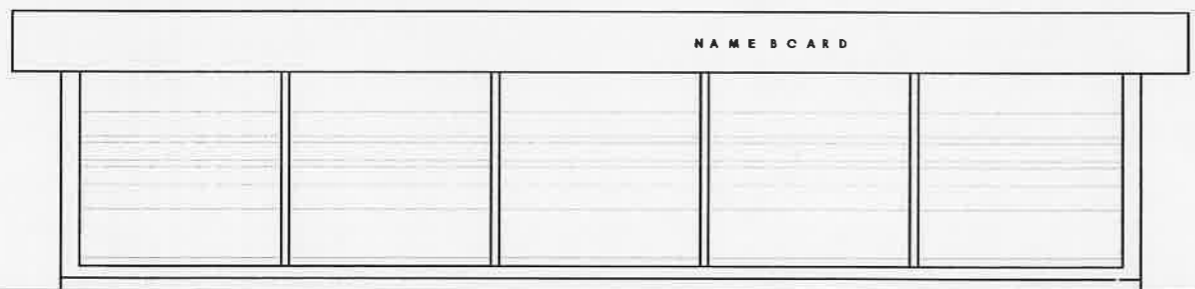
ARCHITECTS :
pallands associates
 architect & interior designers
 #1, temple square, carstree
 mangalore. ph- 2495651, 2496539
 pallands@gmail.com



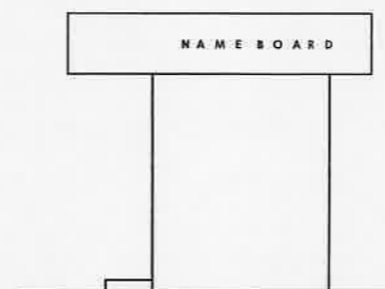
PLAN



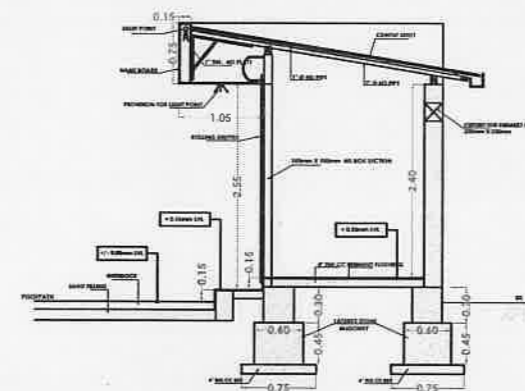
PLAN



FRONT ELEVATION



SIDE ELEVATION



SECTION @ AA

- NOTES:
1. All dimensions are in meters unless otherwise specified.
 2. Any discrepancy in the drawing should be brought to the notice of the client.
 3. Any work not shown in the drawing shall be as per the approved drawings.
 4. All work shall be done in accordance with the approved drawings.

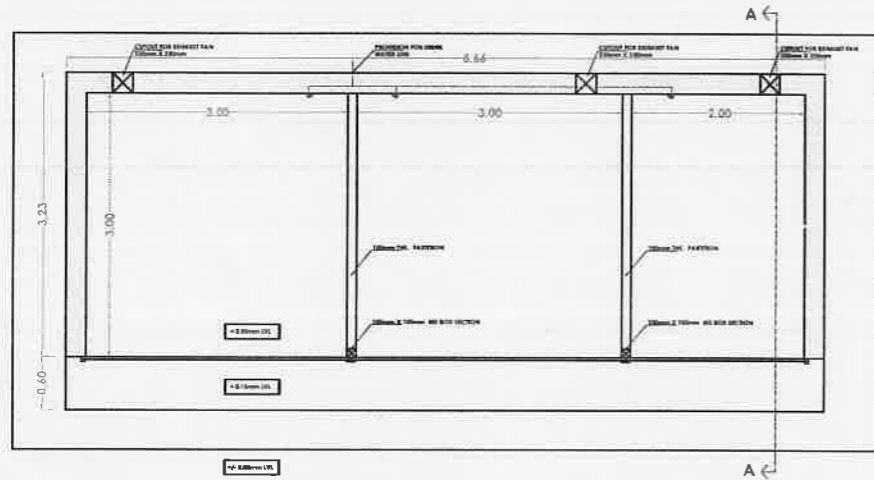
CLIENT:
MSCL
 MANGALURU SMART CITY LIMITED

PROJECT:
 KADRI PARK

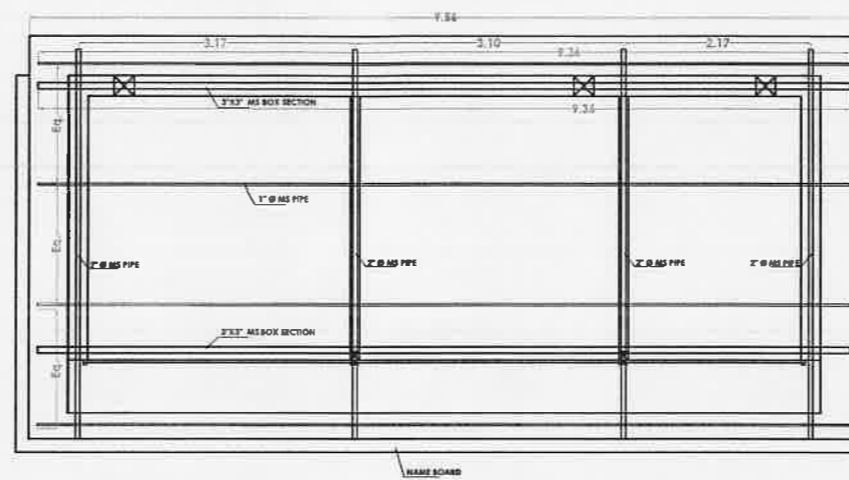
DWG. TITLE:
 WEST WING
 SHOP DETAILS

| DATE | SCALE | DWG. NO. |
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| 13-03-2019 | N.T.S | 006 |
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| CHECKED | M.V.P | |

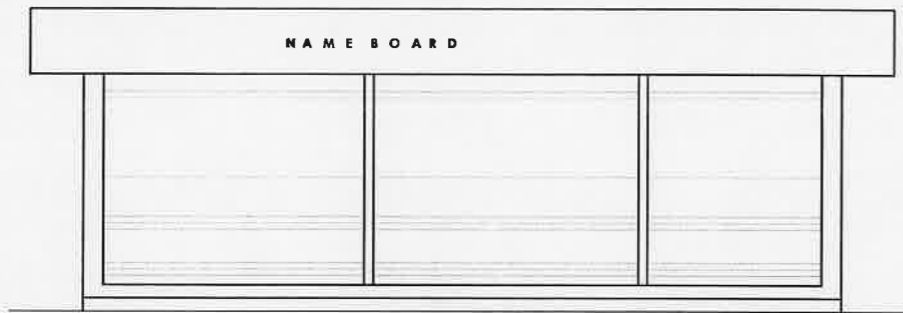
ARCHITECTS
pallands associates
 architects & interior designers
 #1, Innade Square, Central
 Mangalore pin- 575001 | 2818231
 pallands@pallands.com



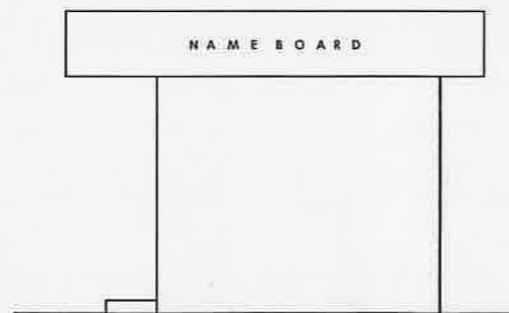
PLAN



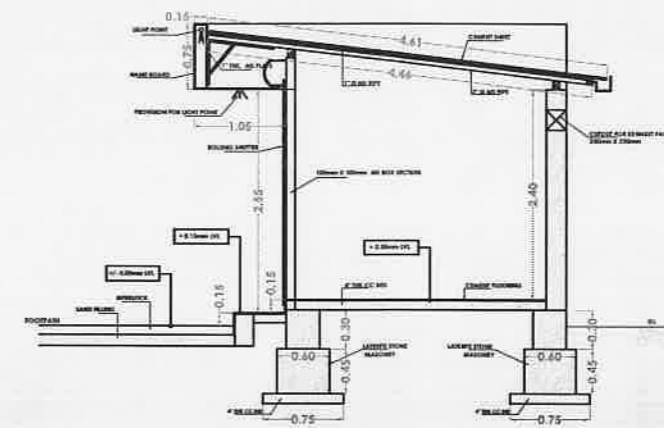
TRUSS PLAN



FRONT ELEVATION



SIDE ELEVATION



SECTION @ AA

- NOTES:
1. For drawings the property of the "paitands associates" L
 2. Any discrepancy in the drawing should be brought to the notice
 3. Any modification should be in the form of a note
 4. All dimensions are in meters unless otherwise mentioned


NOTES:

CLIENT:
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MANGALURU SMART CITY LIMITED

PROJECT:
KADRI PARK

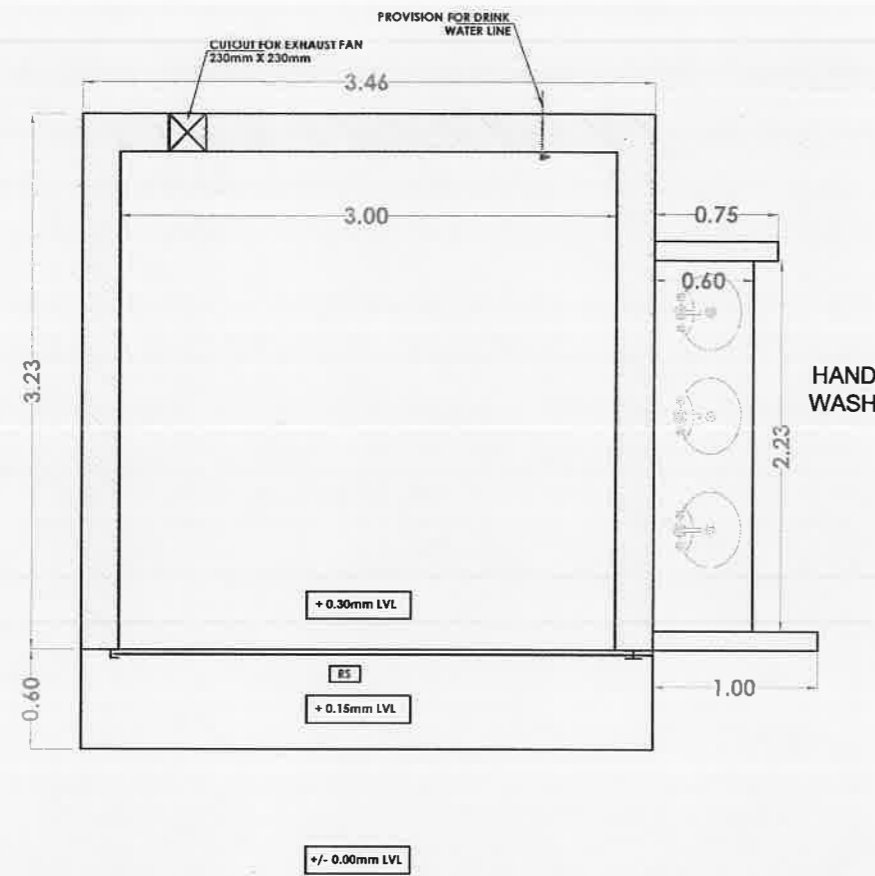
DWG. TITLE:
WEST WING
SHOP DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | 007 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

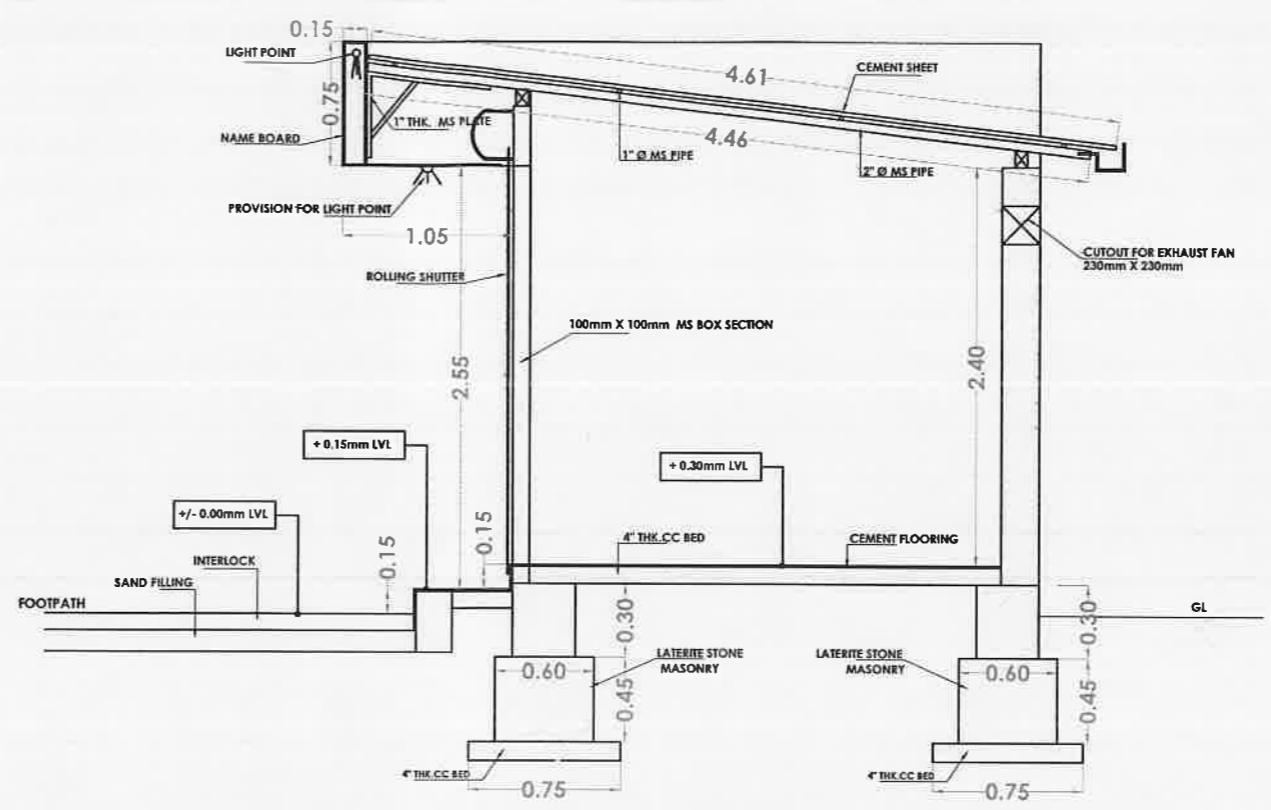
ARCHITECTS:

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 architects & interior designers
 #1, Temple Square, Chandrabhaga
 mangalore, pin- 575001, 2446539
 paitands@paitands.com

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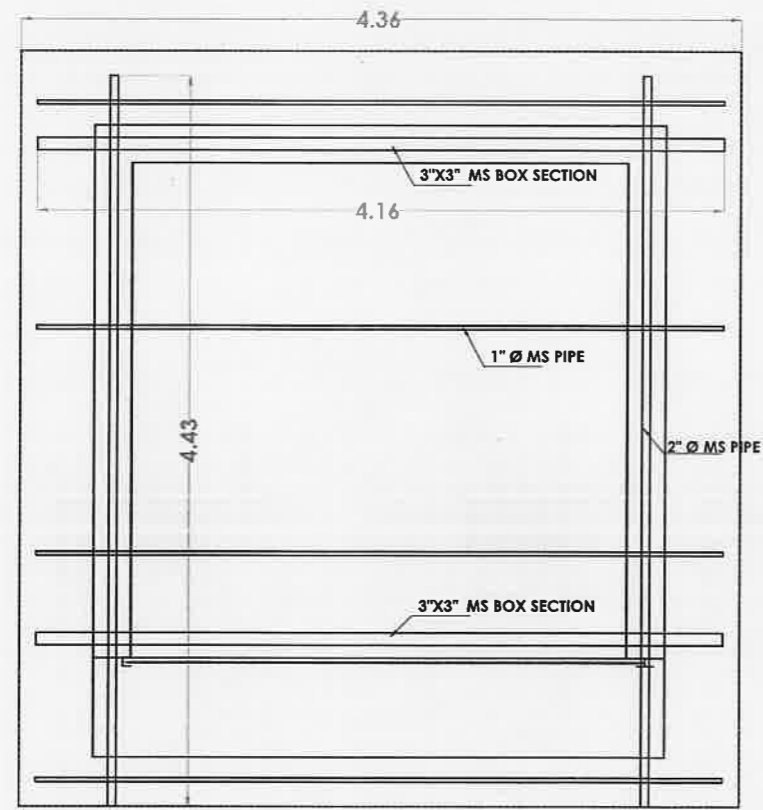
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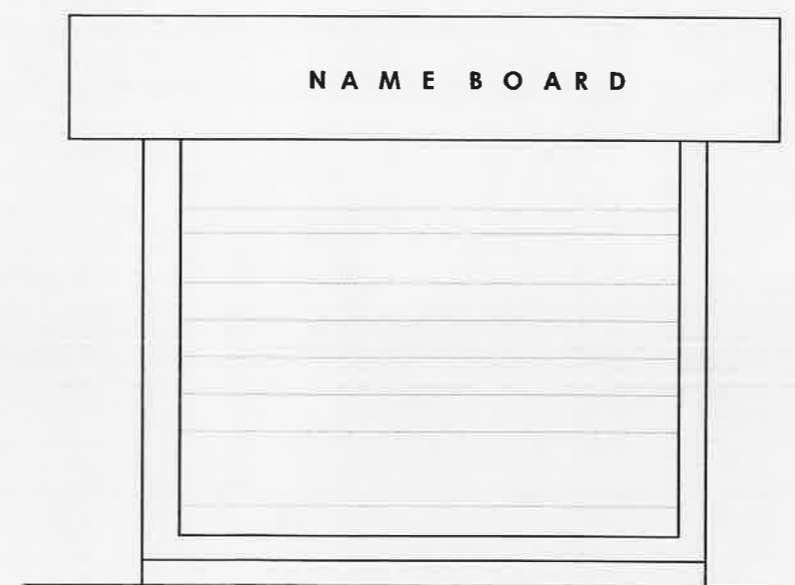
PLAN



SECTION @ AA



TRUSS PLAN



FRONT ELEVATION

CLIENT :

M S C L
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

WEST WING
SHOP DETAILS

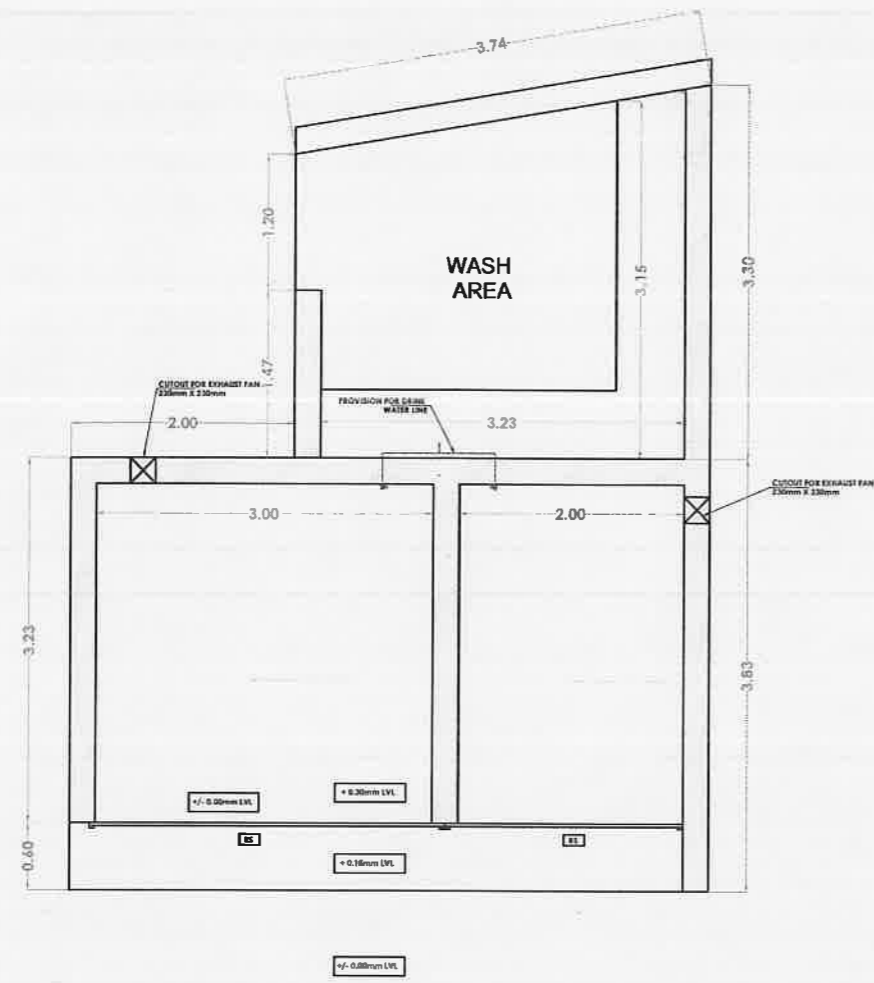
| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | WST-008 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

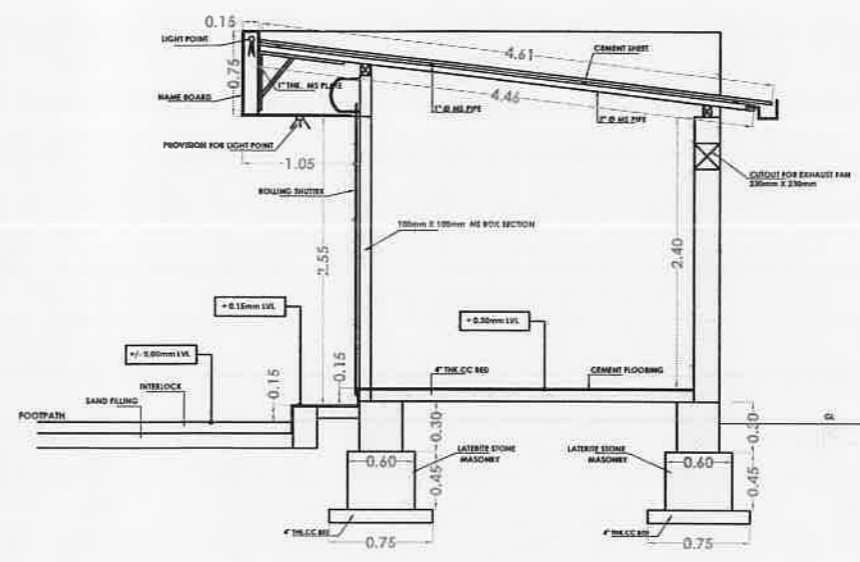
pailands associates
architects & interior designers
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mangalore. ph- 2495651, 2496539
pailands @ gmail.com

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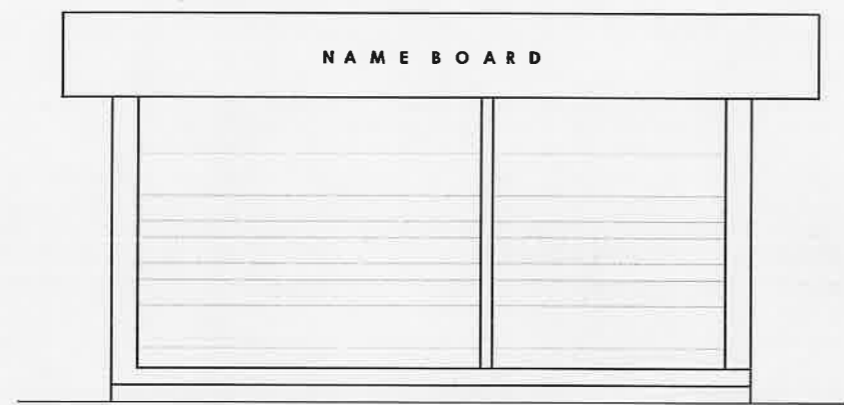
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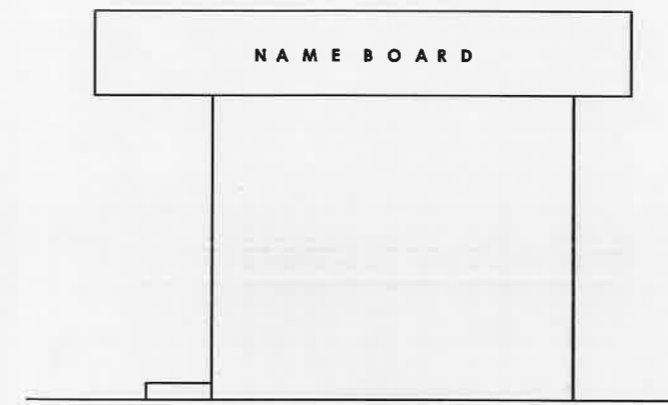
PLAN



SECTION @ AA



FRONT ELEVATION



SIDE ELEVATION

CLIENT :

M S C L
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

WEST WING
SHOP DETAILS

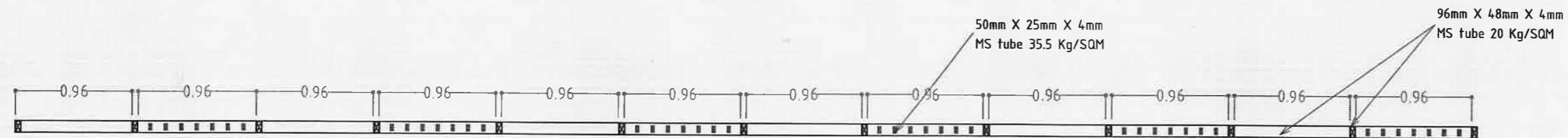
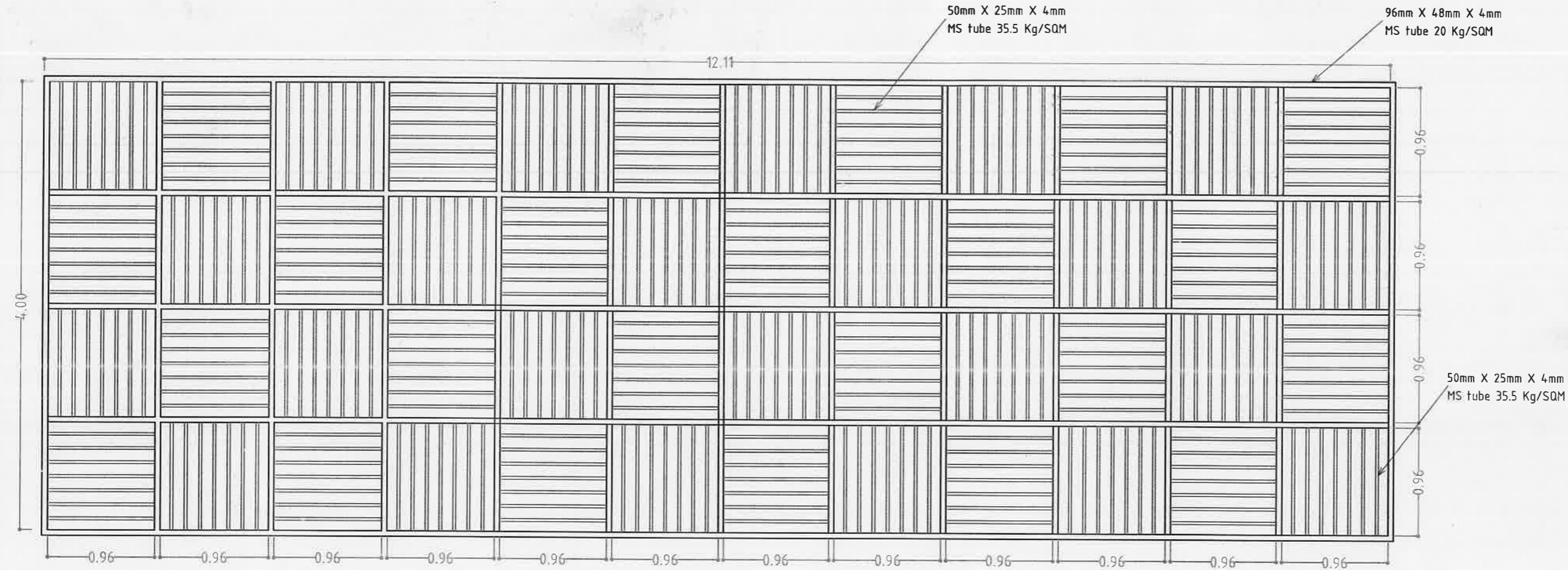
| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | WST-009 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :



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NOTES :

CLIENT :

MSCL
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

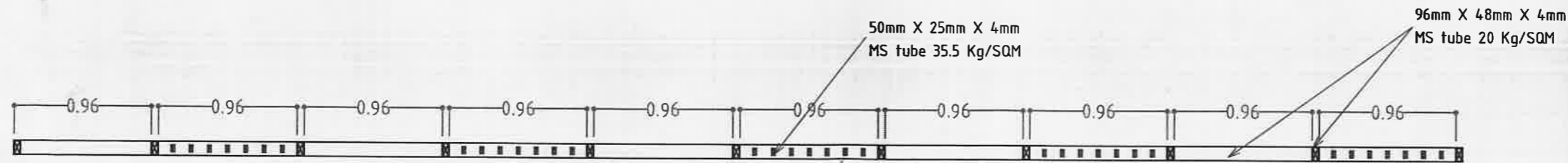
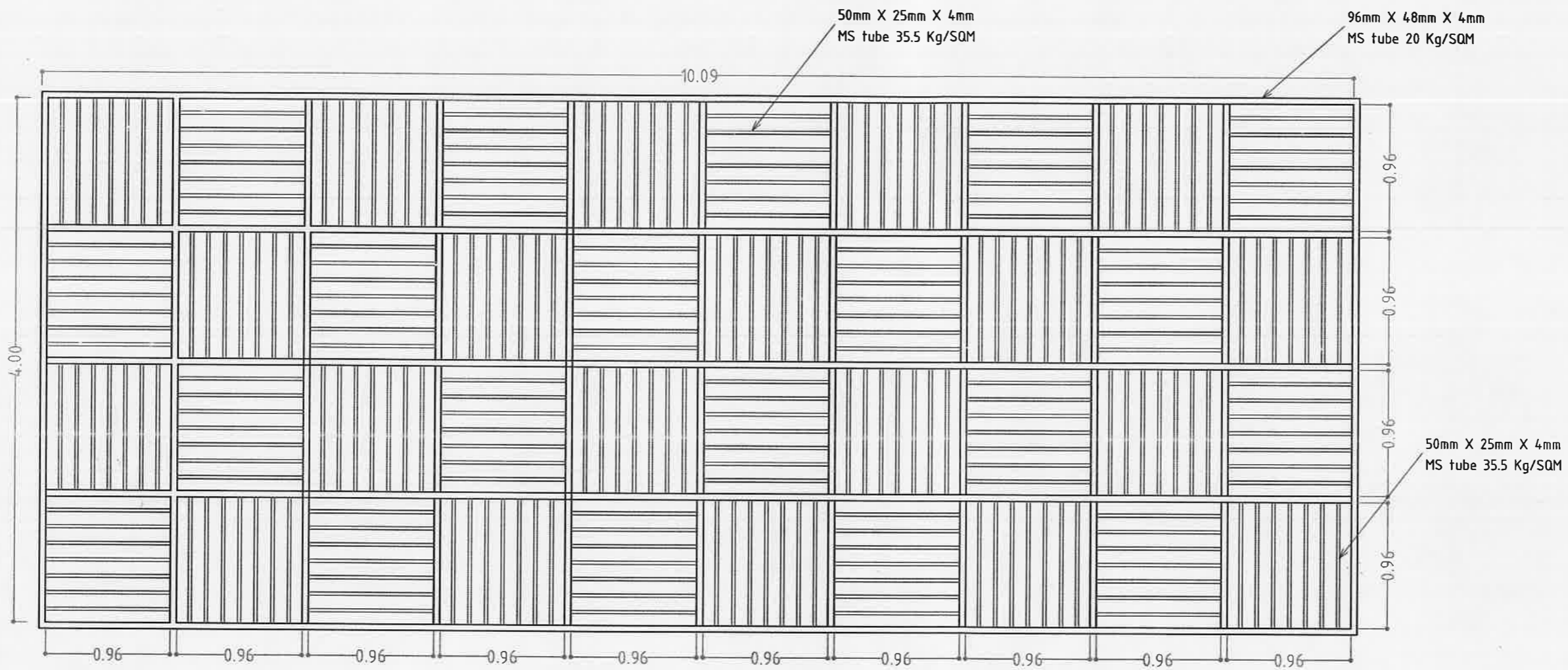
DWG. TITLE :

STEEL PERGOLA DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|-----------|
| 13-03-2019 | N.T.S | |
| DRAWN | V.K.S | WST-010-B |
| CHECKED | M.V.P | |

ARCHITECTS :

pallards associates
architects & interior designers
#1, temple square, corstee
mangalore, ph: 2492651, 2492639
pallards@ymail.com



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MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

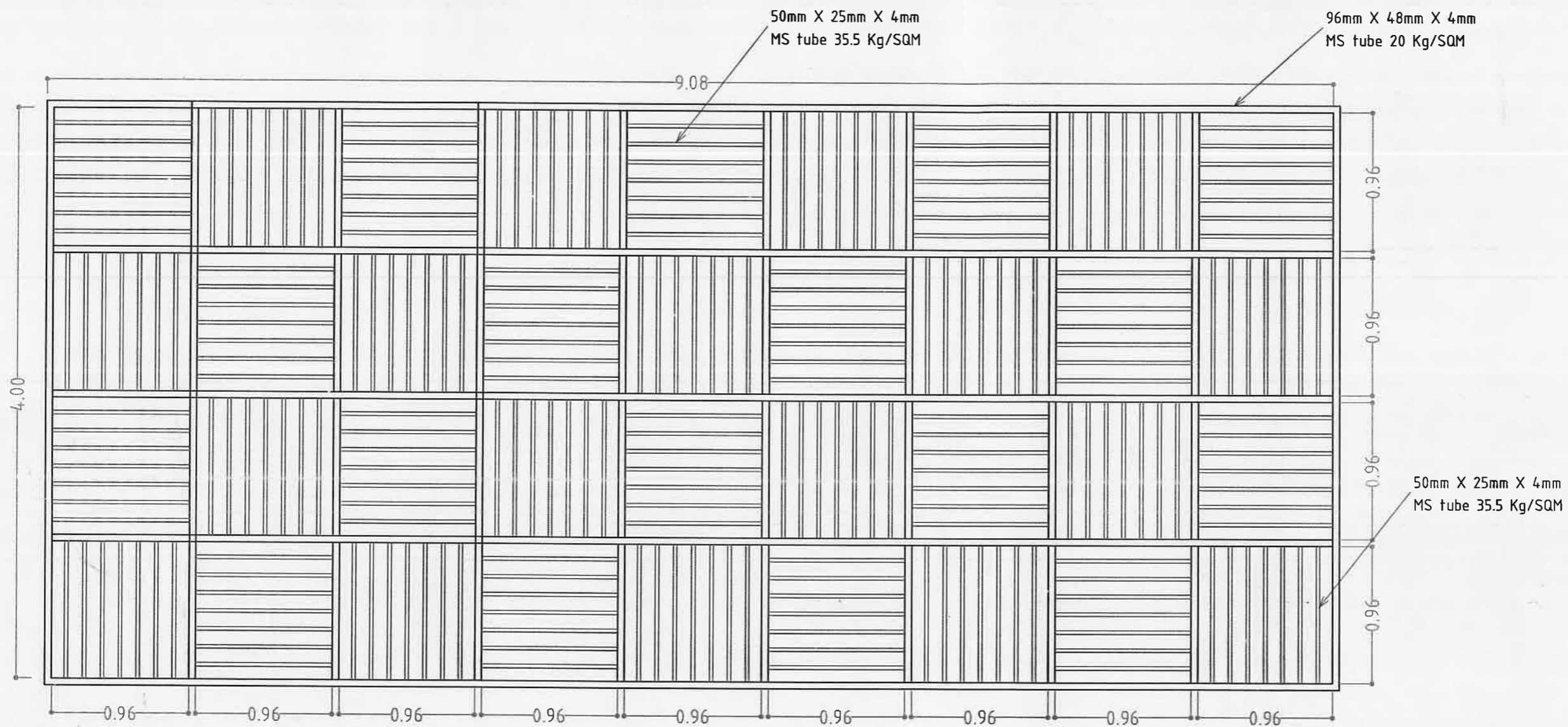
DWG. TITLE :

STEEL PERGOLA DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|-----------|
| 13-03-2019 | N.T.S | WST-010 A |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

pallands associates
architects & interior designers
#1, temple square, coastree
mangalore, ph- 9449551, 9449537
pallands@gmail.com



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NOTES :

CLIENT :

MSCL
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

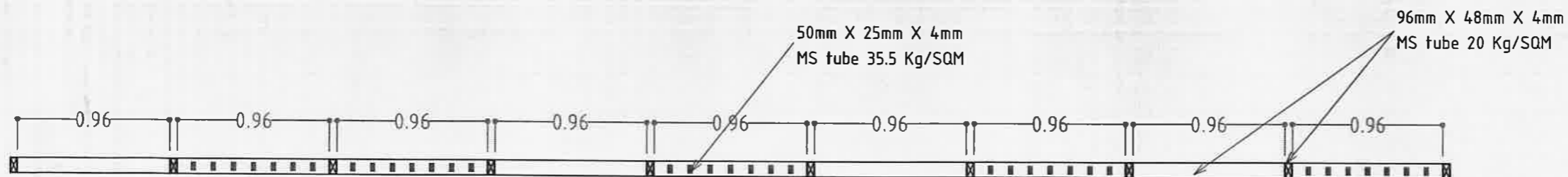
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STEEL PERGOLA DETAILS

| DATE | SCALE | DWG. NO |
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| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

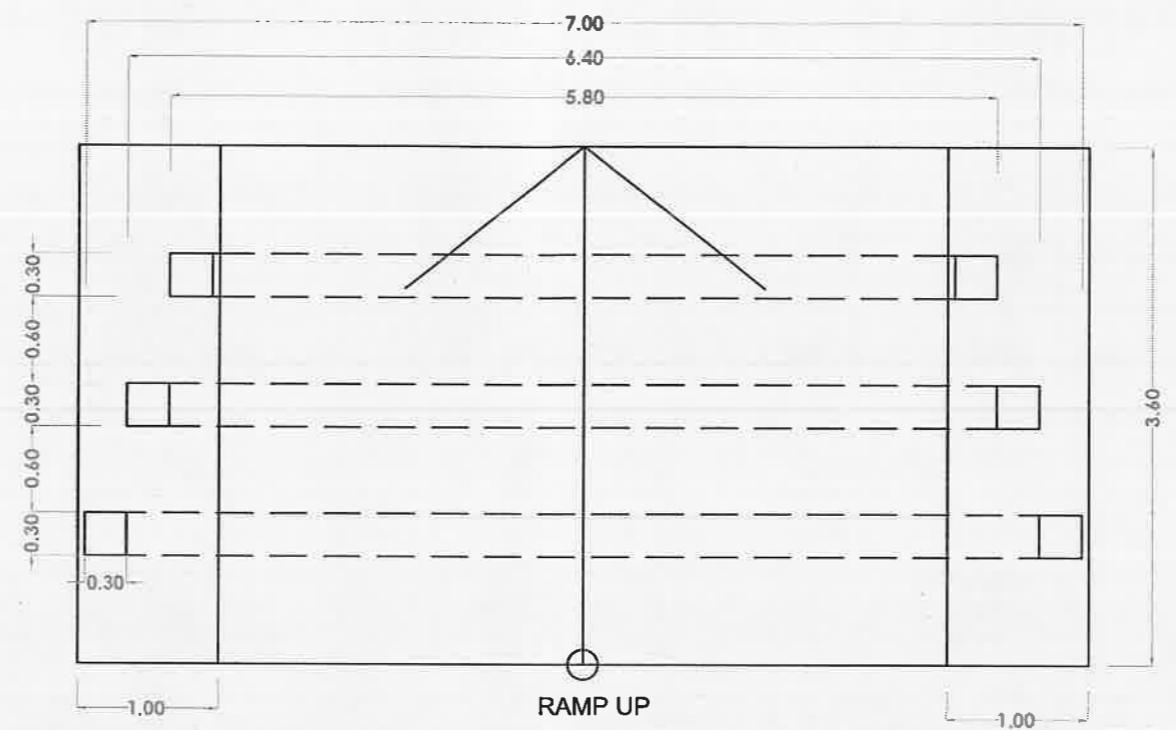
ARCHITECTS :

pailands associates
architects & interior designers
#1, temple square, corstreef
mangalore. ph- 2495451, 2496539
pailands@gmail.com

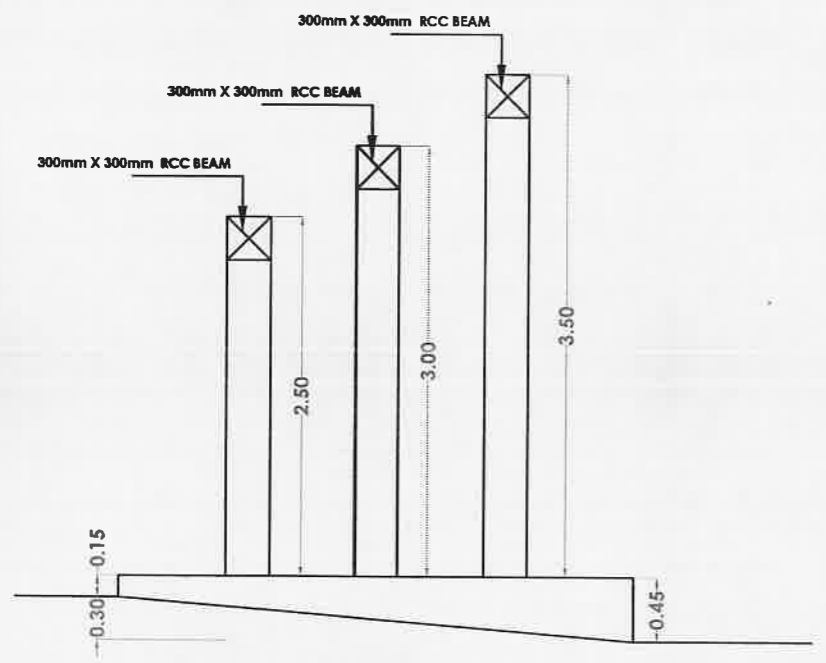


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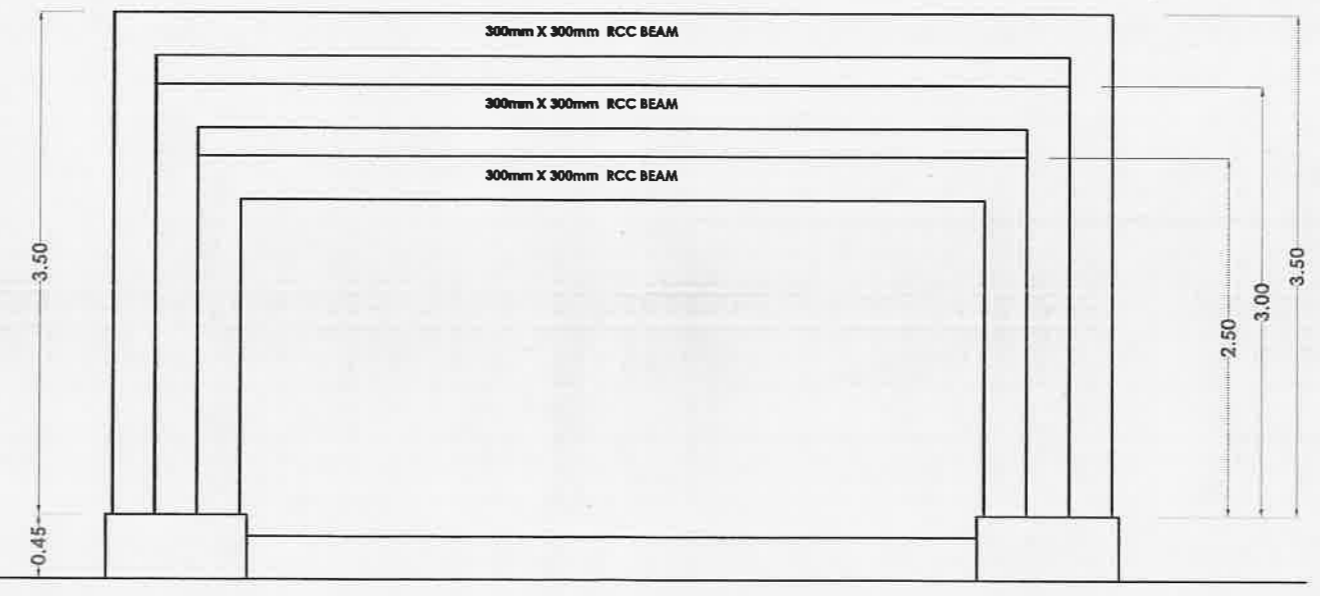
NOTES :



PLAN



SECTION



FRONT ELEVATION

CLIENT :

M S C L
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

PERGOLA DETAIL

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | WST-011 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :



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NOTES :

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MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

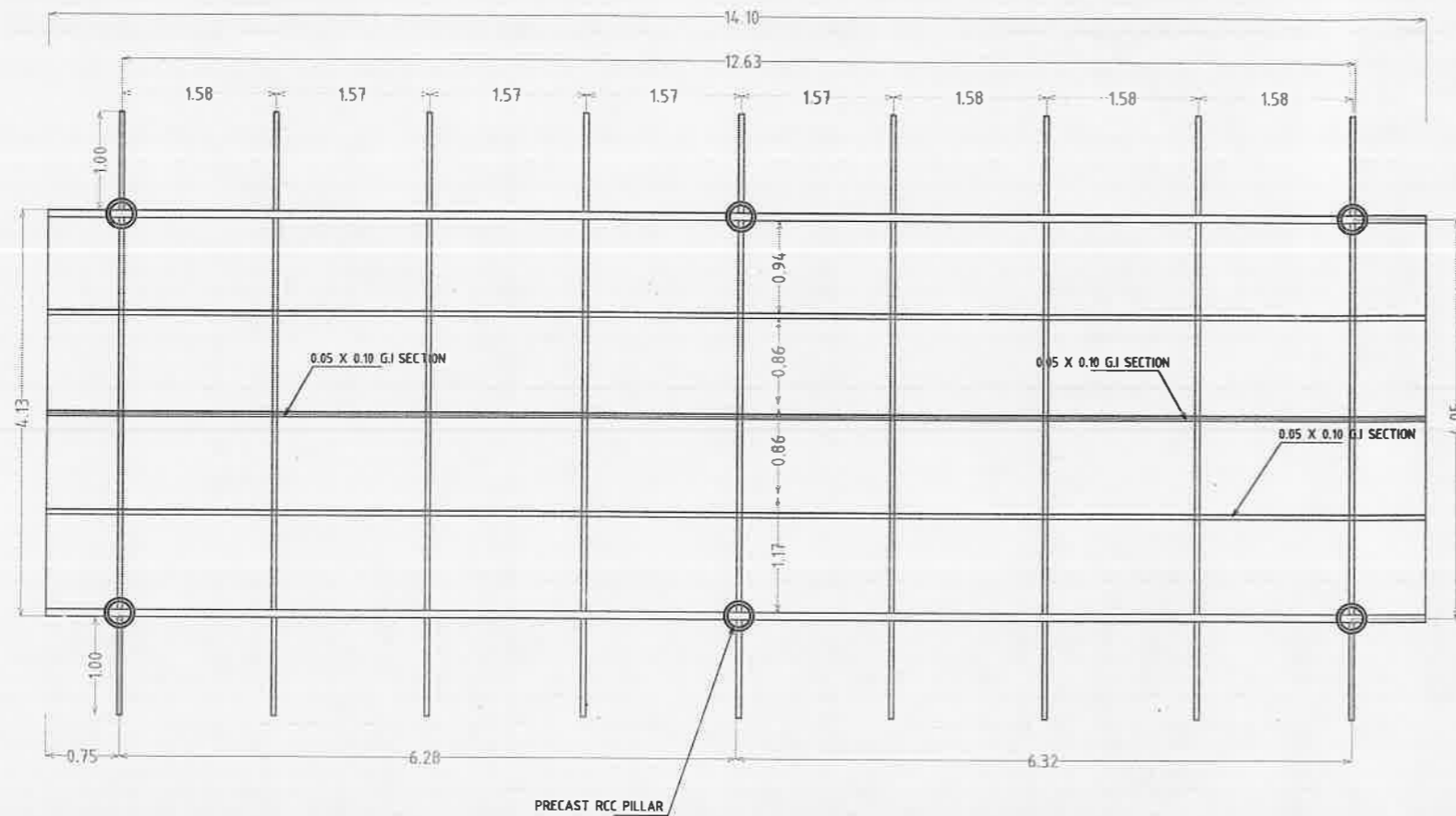
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TRUSS DETAILS

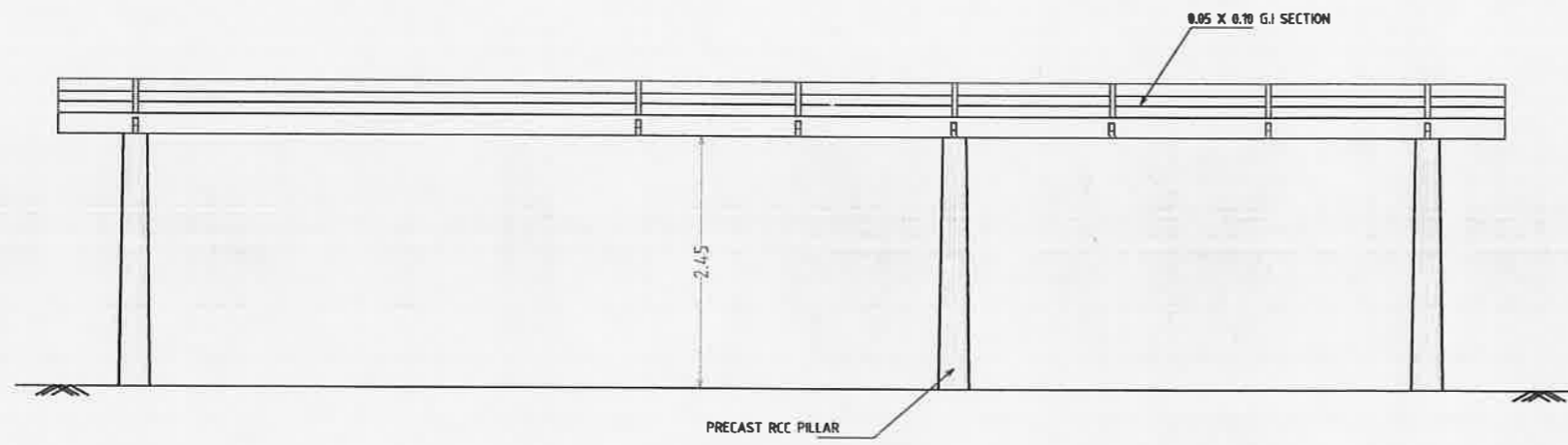
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| CHECKED | M.V.P | |

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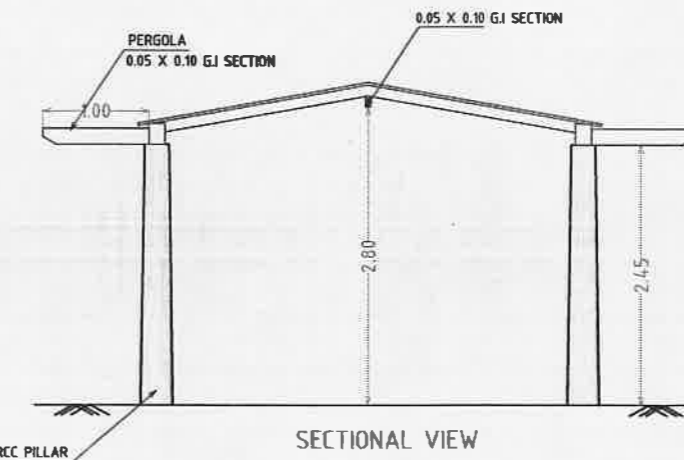
pallands associates
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#1, temple square, carstreet
mangalore. ph- 2495451, 2494539
pallands@gmail.com



PLAN



ELEVATION



SECTIONAL VIEW

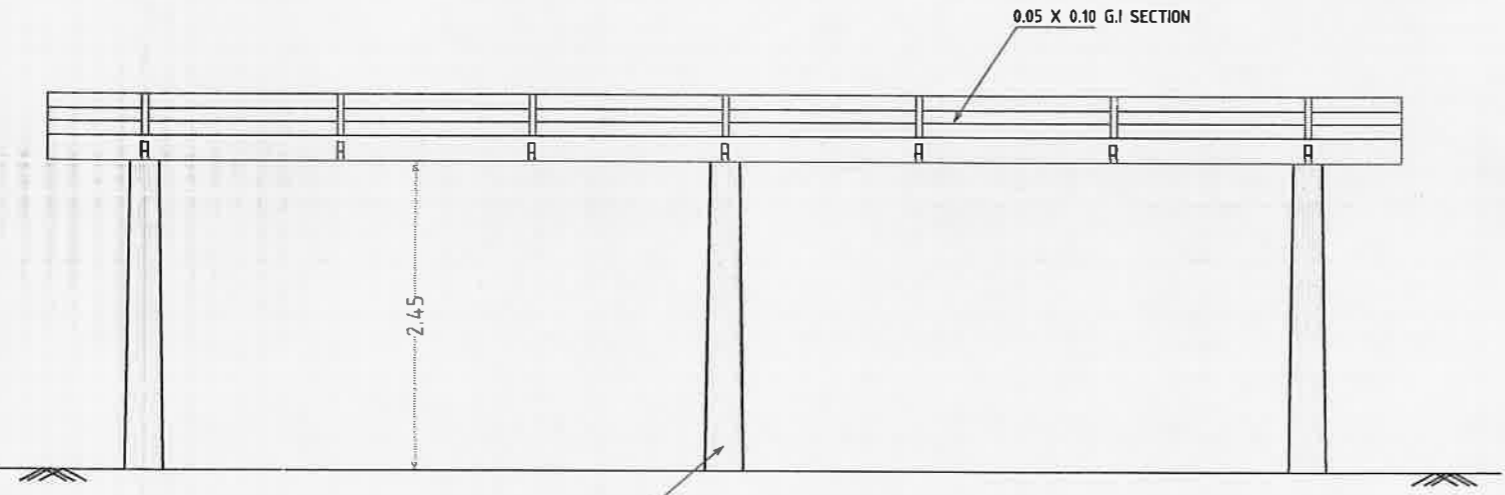
3 Nos

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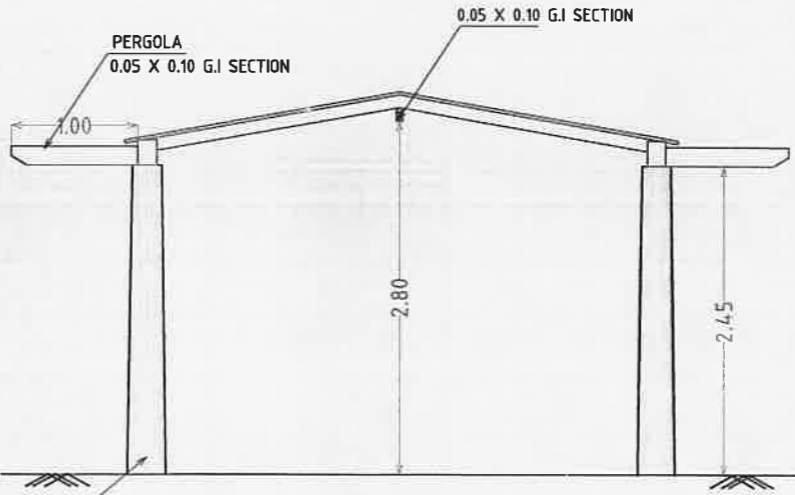
NOTES :



PRECAST RCC PILLAR PLAN



PRECAST RCC PILLAR ELEVATION



PRECAST RCC PILLAR SECTIONAL VIEW

CLIENT :

M S C L
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

TRUSS DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|-----------|
| 13-03-2019 | N.T.S | WST-010-A |
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| CHECKED | M.V.P | |

ARCHITECTS :

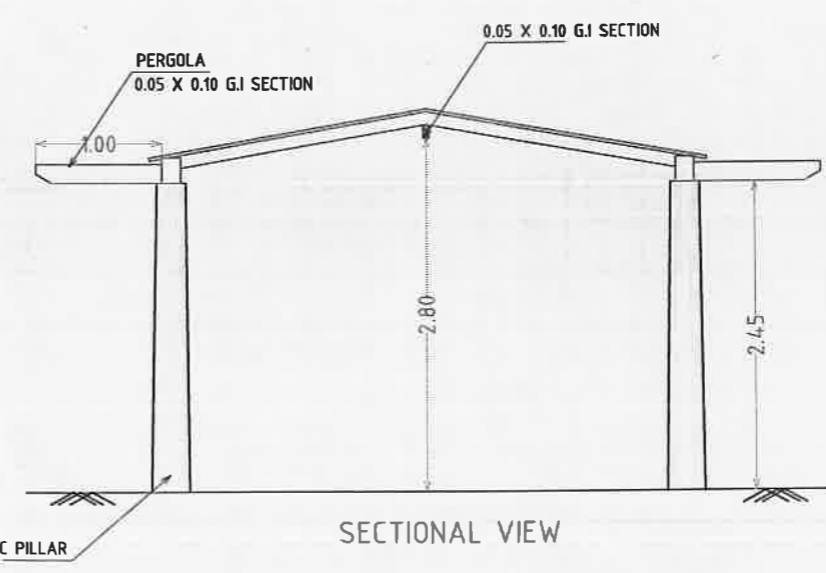
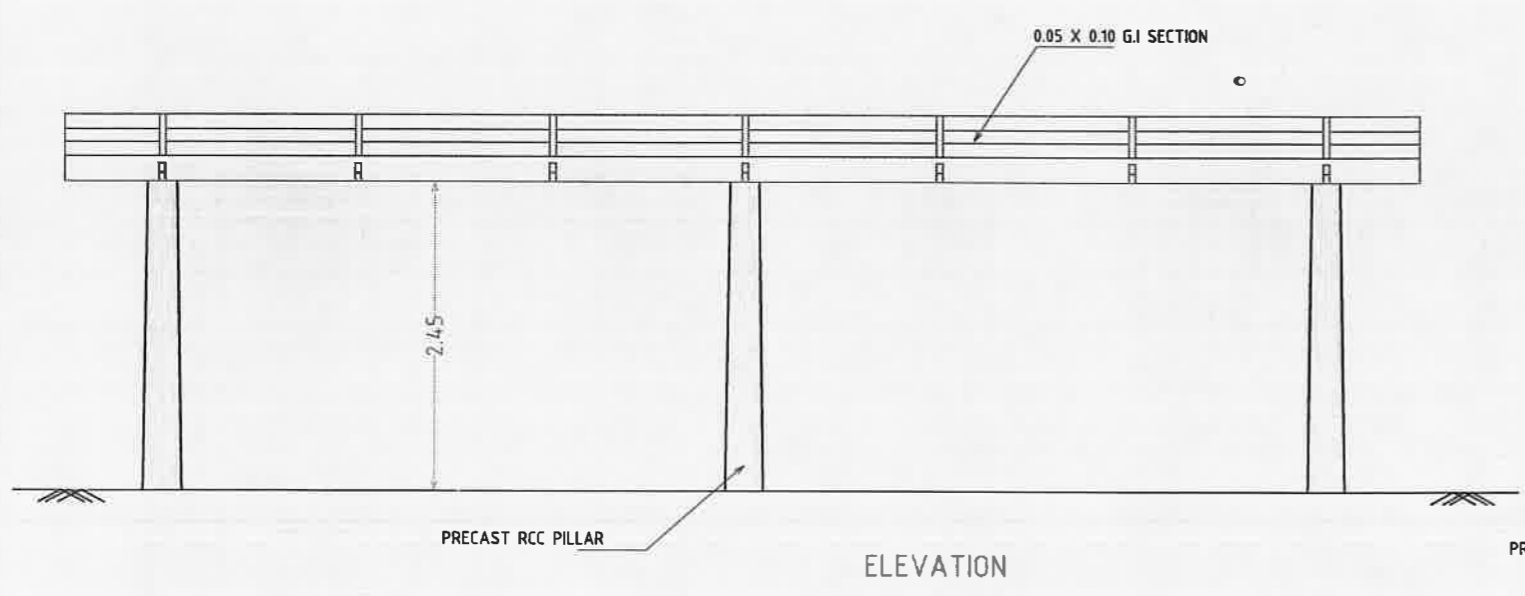
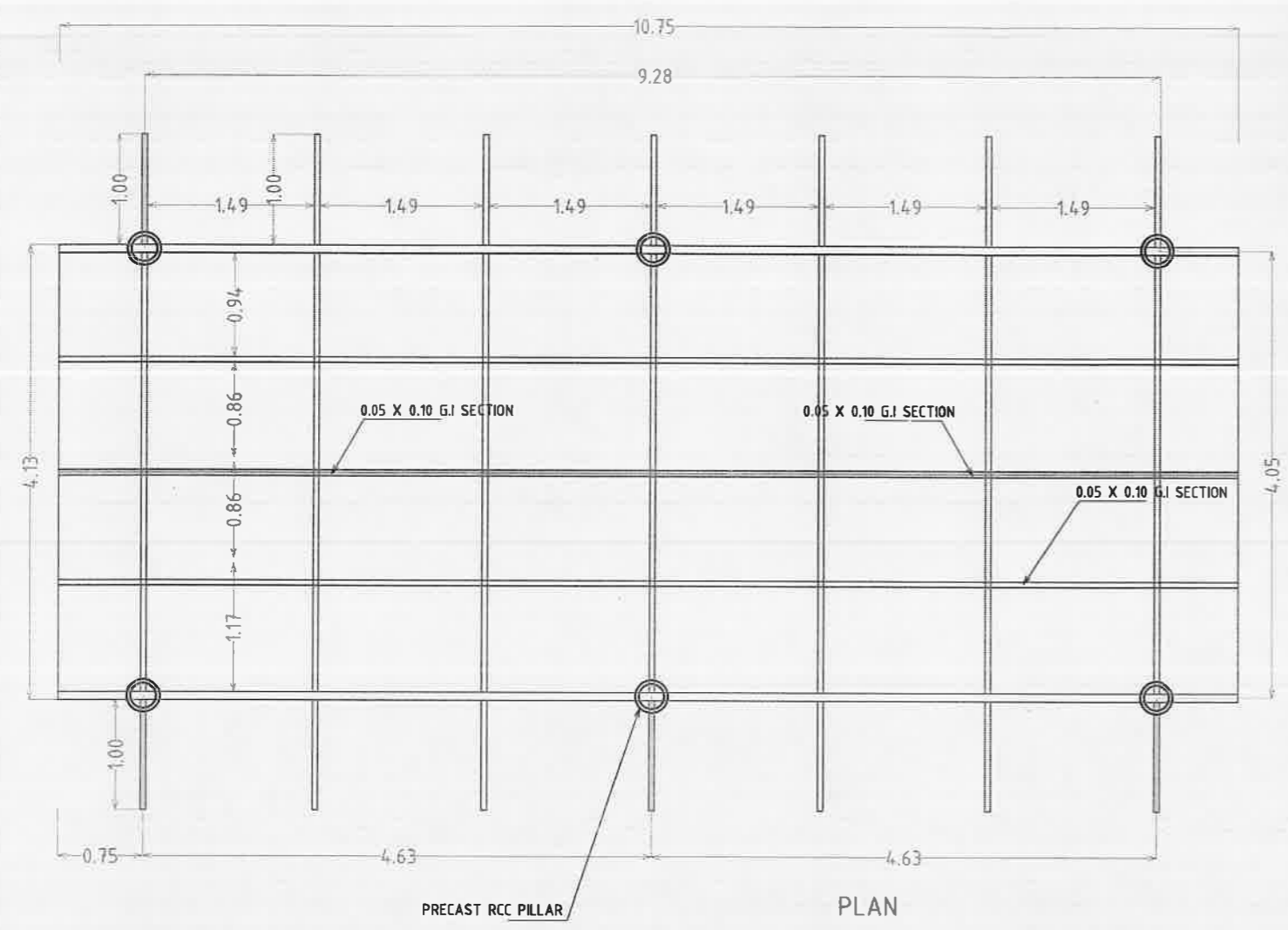
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architects & interior designers
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mangalore. ph- 2495651, 2496539
pailands@gmail.com

3 Nos

124

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NOTES :



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PROJECT :

KADRI PARK

DWG. TITLE :

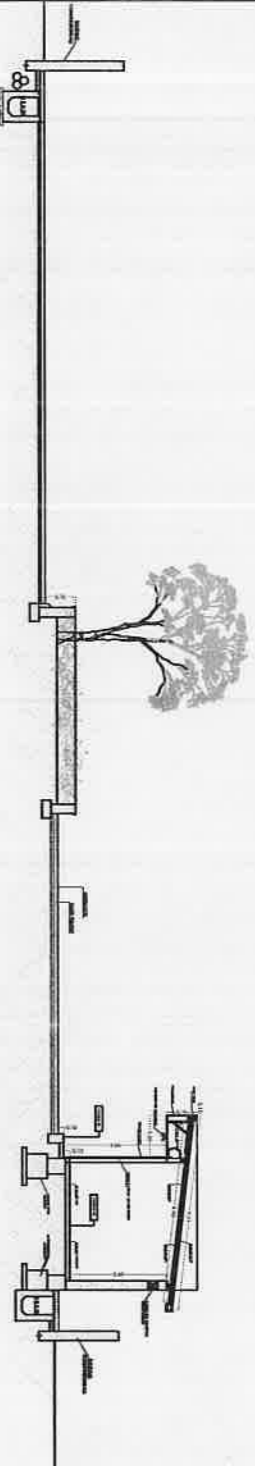
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| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

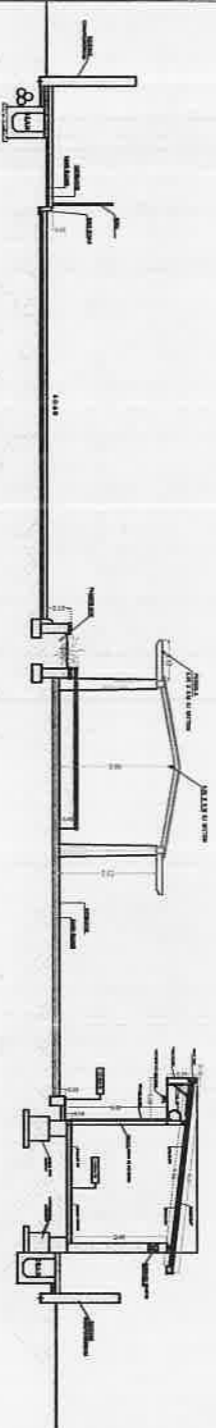
ARCHITECTS :

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architects & interior designers
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mangalore. ph- 2495651, 2496539
pailands@gmail.com

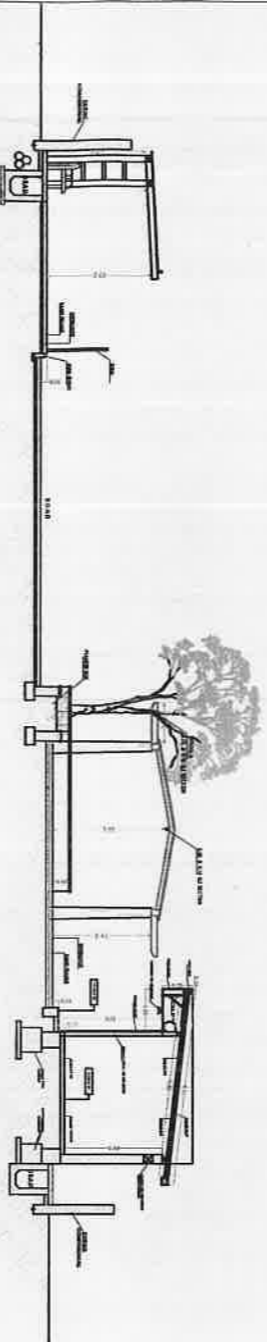
3 Nos



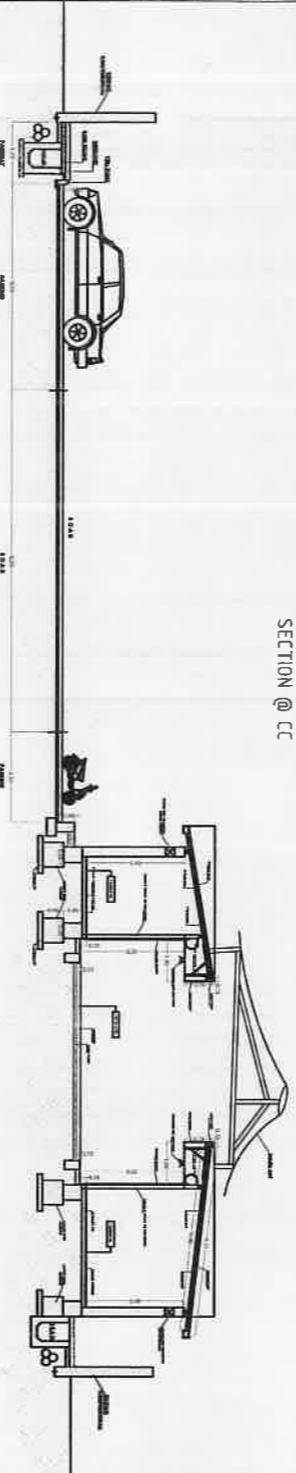
SECTION @ AA



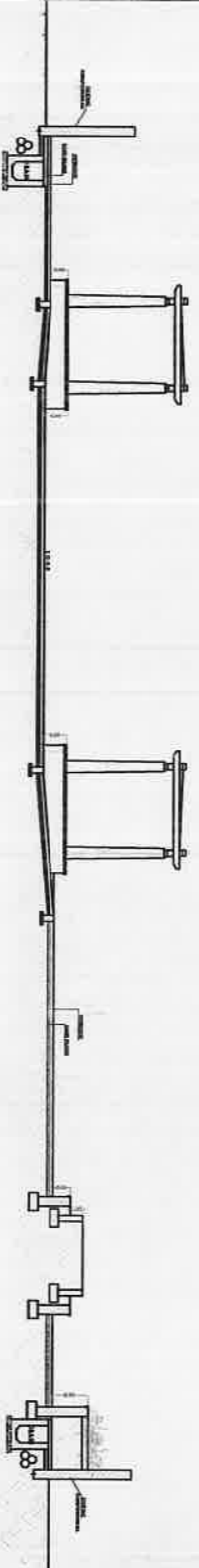
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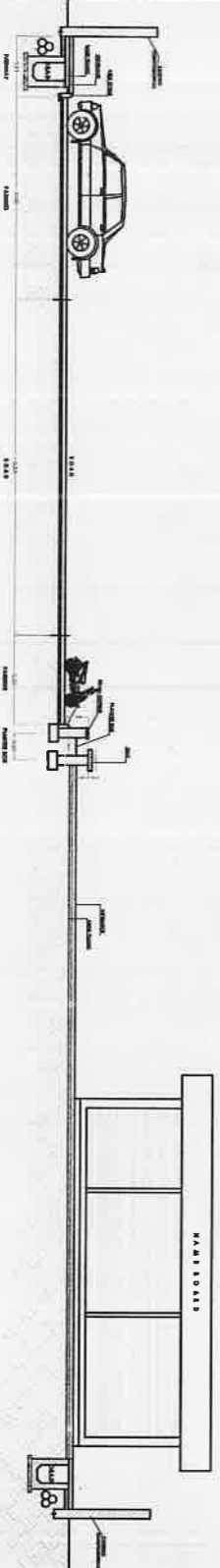
SECTION @ CC



SECTION @ DD



SECTION @ EE



SECTION @ FF

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PROJECT :
KADRI PARK

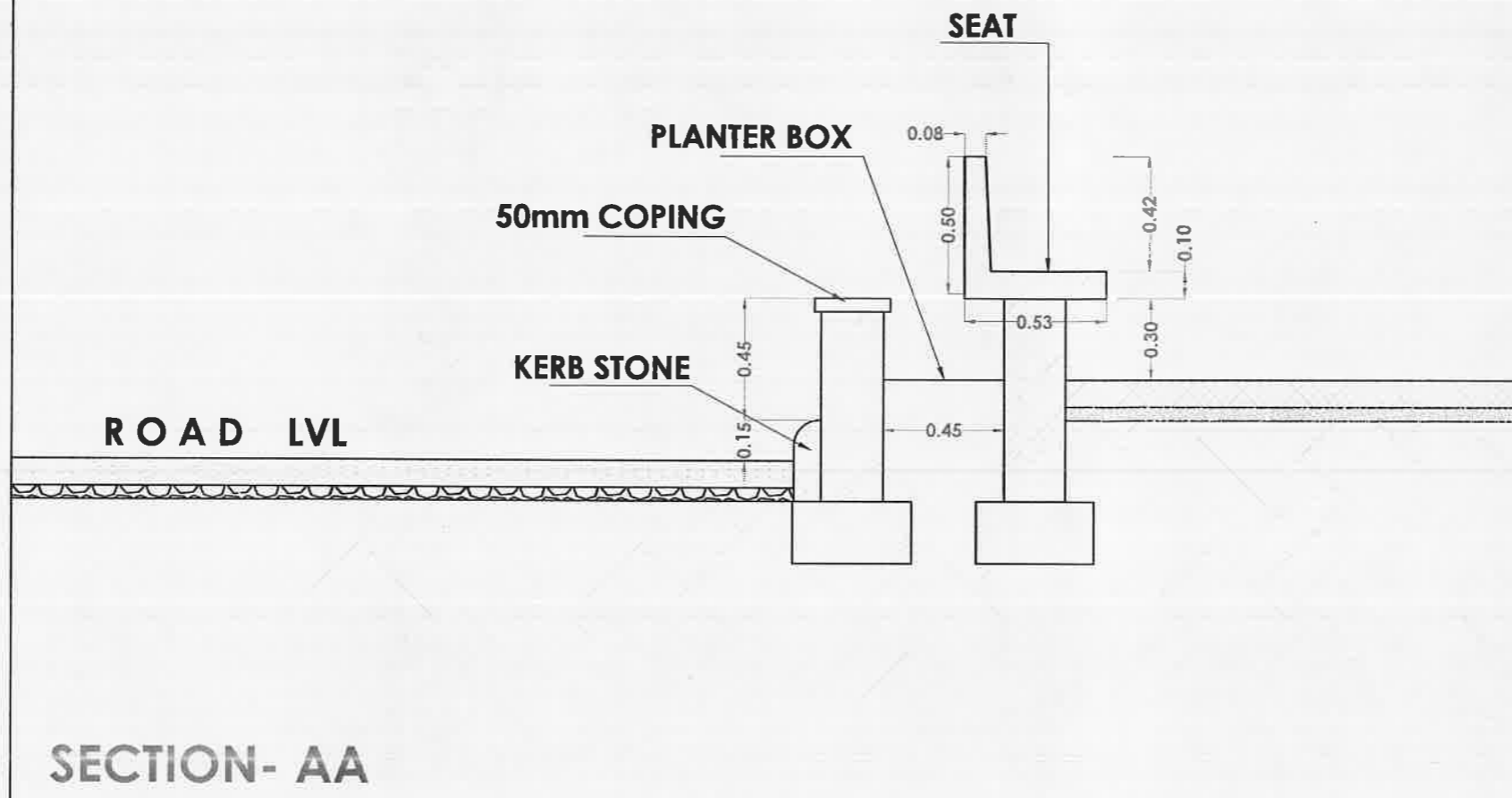
DWG. TITLE :
WEST WING SECTIONS

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| DATE | SCALE | DWG. NO |
| 13-03-2019 | N.T.S | 002 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |
| ARCHITECTS : | | |

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NOTES :



CLIENT :

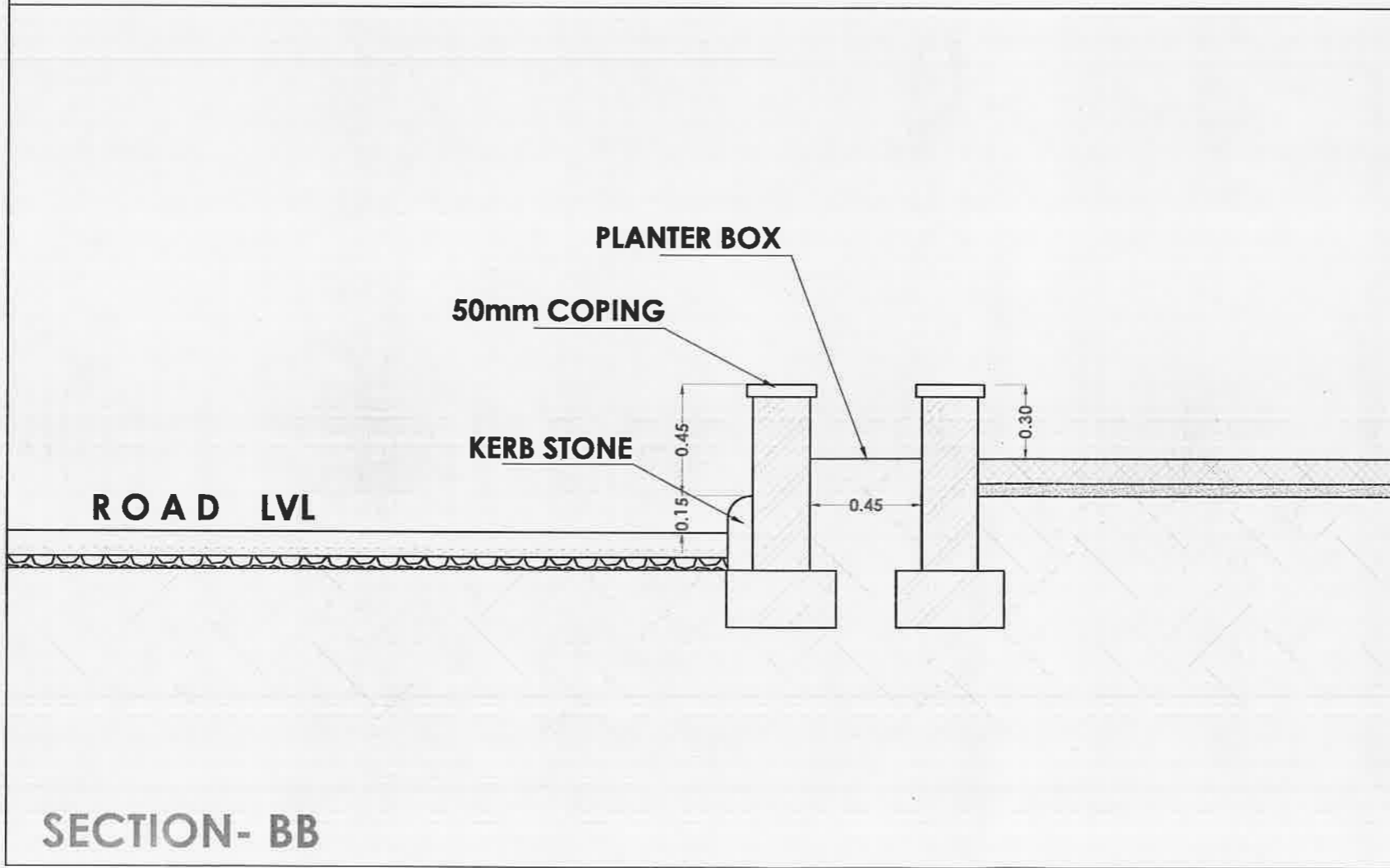
M S C L
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

DWG. TITLE :

PLANTER BOX SECTIONS



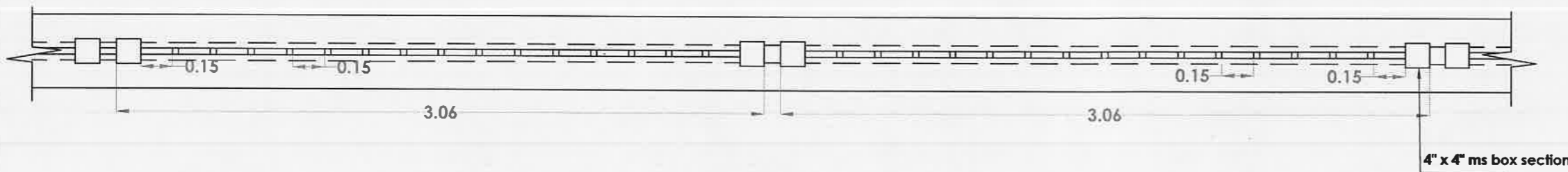
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| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

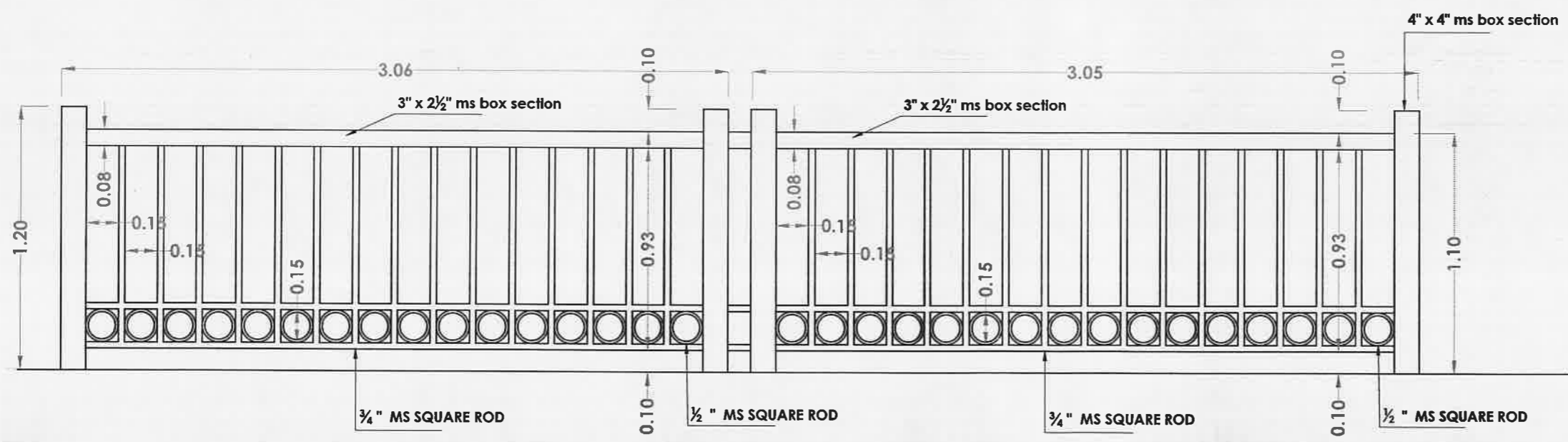
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NOTES :



PLAN



FRONT SIDE ELEVATION

CLIENT :

M S C L
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

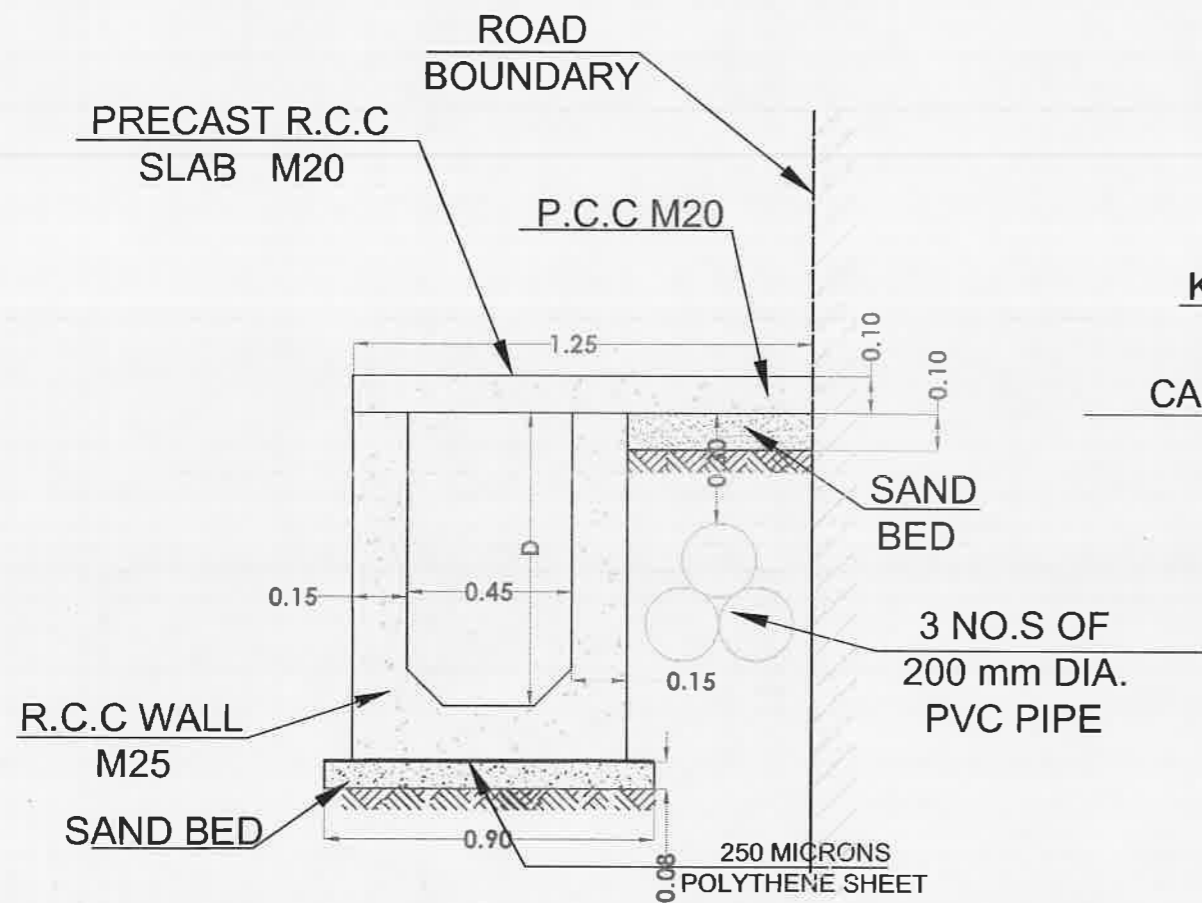
DWG. TITLE :

GRILL DETAIL

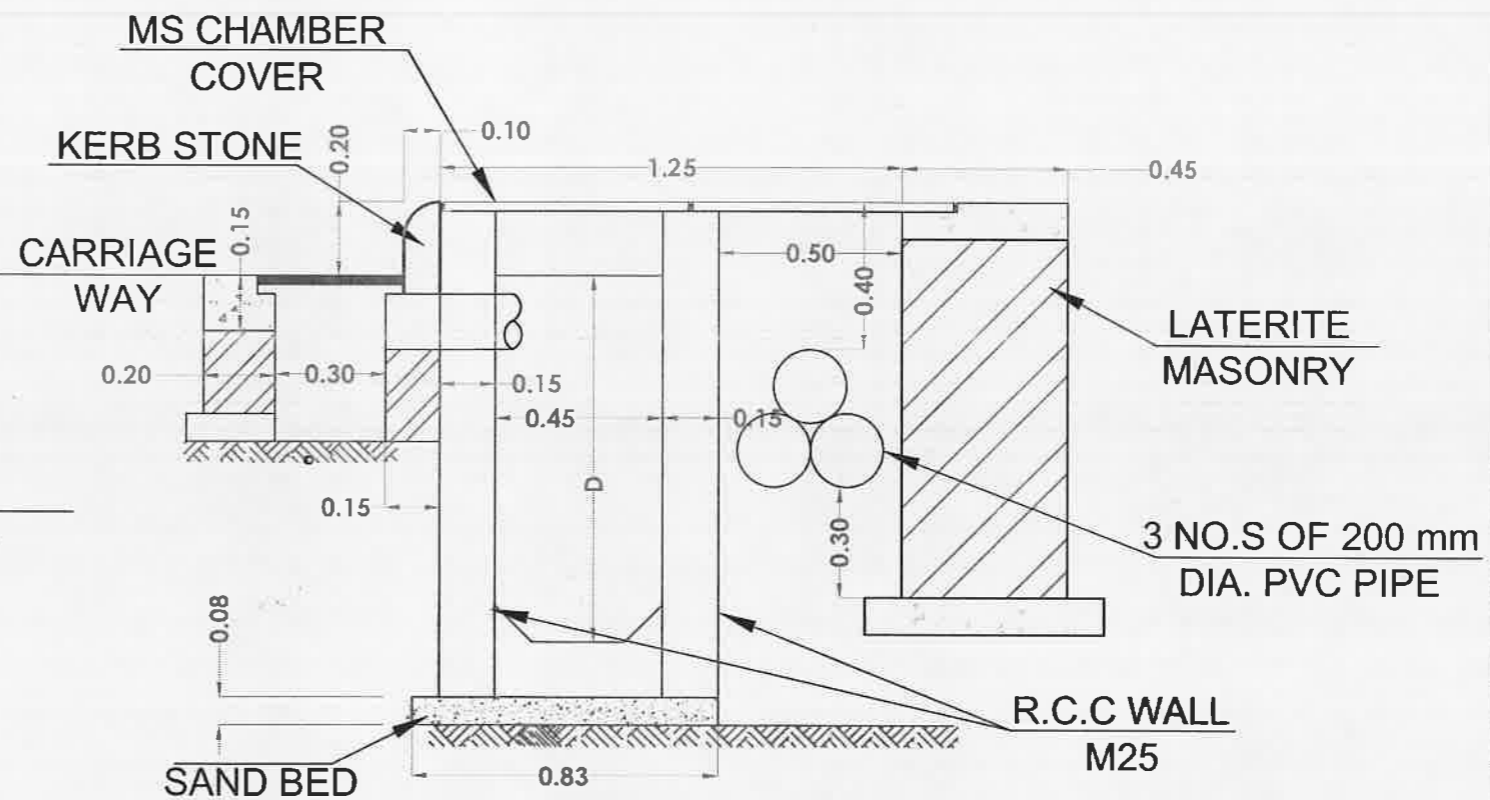
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|------------|-------|---------|
| 13-03-2019 | N.T.S | WST-003 |
| DRAWN | D.P.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

pailands associates
architects & interior designers
#1, temple square, carstreet
mangalore. ph- 2495651, 2496539
pailands@gmail.com



SECTION 1-1



SECTION 2-2

NOTE:
 D= as mentioned in the longitudinal section (minimum 0.30 M, maximum 0.60M)

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M S C L
 MUNICIPAL SWAST CITY SYSTEMS

PROJECT :

KAORI PARK

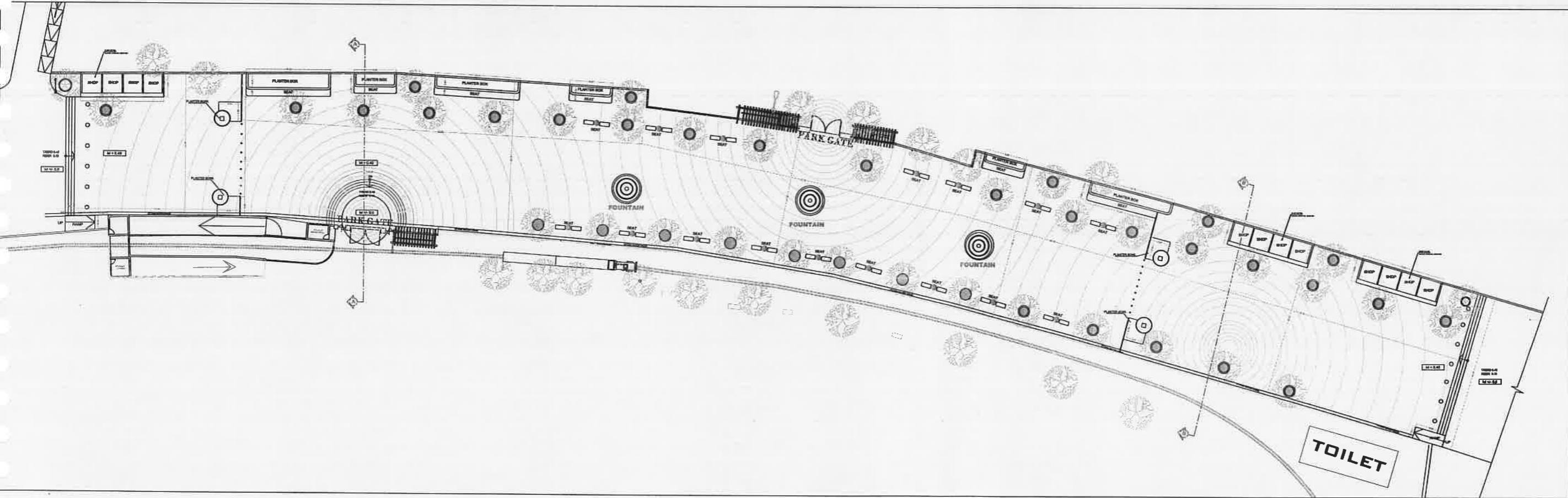
DWG. TITLE :

TYPICAL STORM
 WATER DRAIN SECTION

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | 0013-A |
| DRAWN | D.P.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

pallands associates
 architects & interior designers
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 pallandsa@gmail.com



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NOTES:

CLIENT:
MSCL

PROJECT:
KADRI PARK

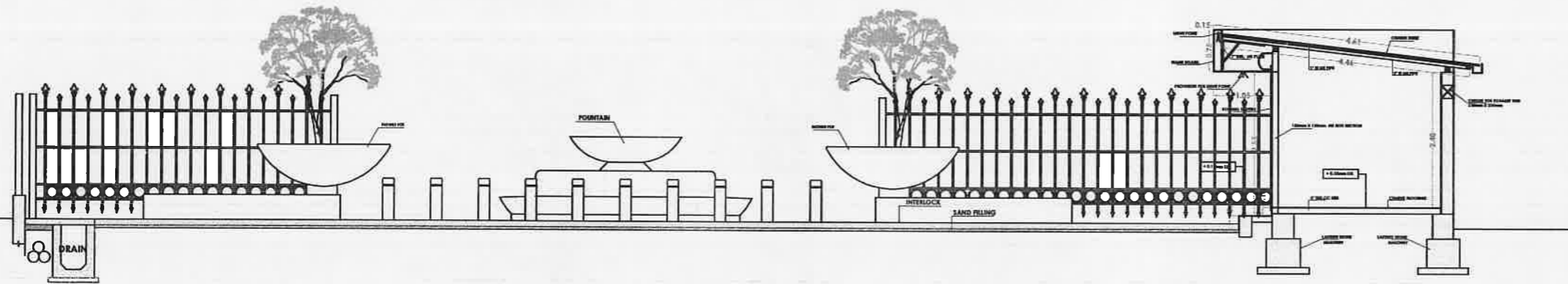
DWG. TITLE:
CENTER PLAZA
MASTER PLAN

| DATE | SCALE | DWG. NO. |
|------------|--------|----------|
| 11-20-2019 | 1:1 | ENT001 |
| DRAWN | V.A.S. | |
| CHECKED | M.U.P. | |

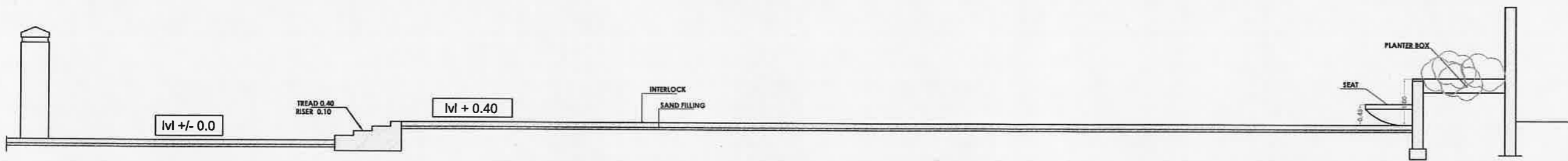
ARCHITECT:
paranda associates
 Landscape Architecture
 11, 12th Street, 1st Floor
 Bangalore, Karnataka 560001
 India
 www.paranda.com

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NOTES :



SECTION @ BB



SECTION @ AA

CLIENT :

M S C L
MANGALURU SMART CITY LIMITED

PROJECT :

KADRI PARK

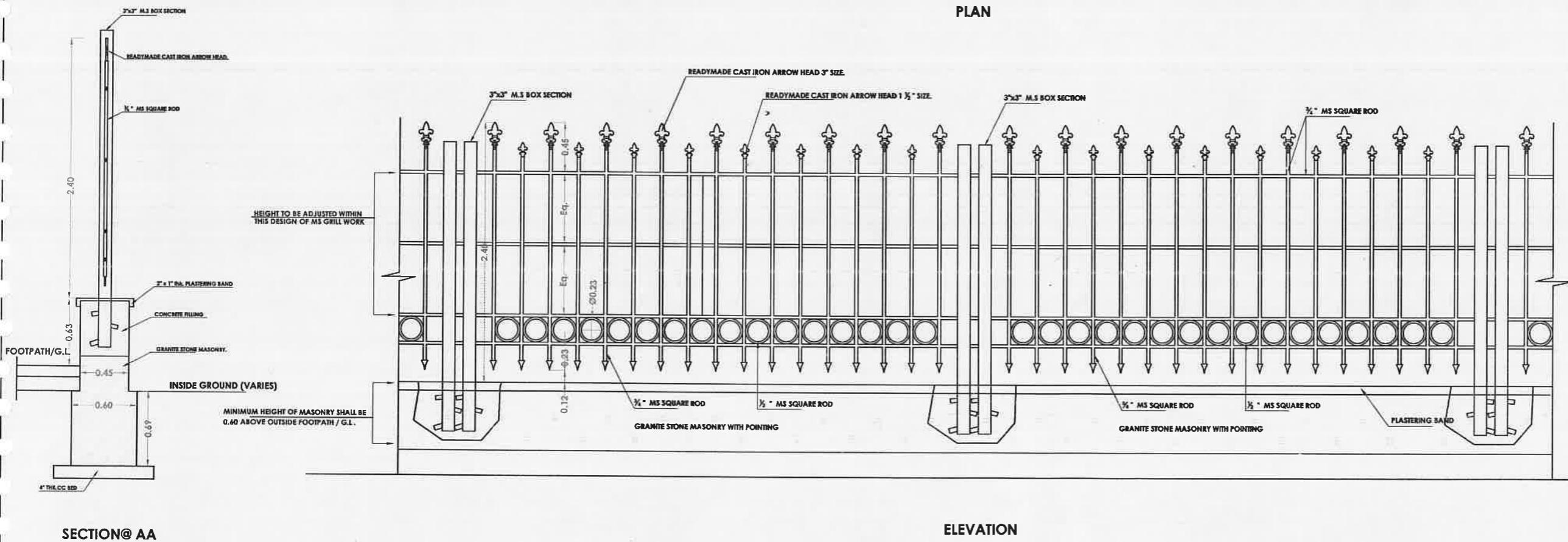
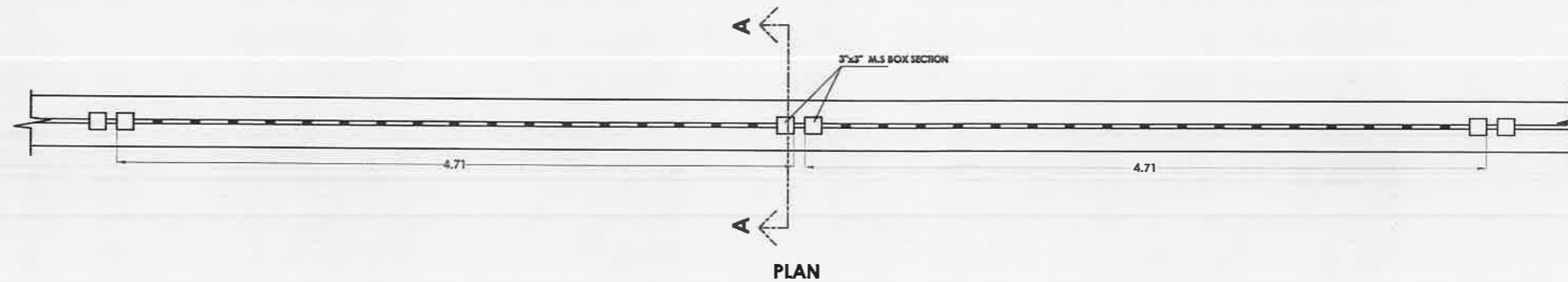
DWG. TITLE :

SECTIONS

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 11-03-2019 | N.T.S | CNT002 |
| DRAWN | V.K.S | |
| CHECKED | M.V.P | |

ARCHITECTS :

pallands associates
architects & interior designers
#1, temple square, corstree
mangalore. ph- 2495651, 2496539
pallands @ gmail.com



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NOTES :

CLIENT :

PROJECT :

MSCL
MANGALURU SMART CITY LIMITED

DWG. TITLE :

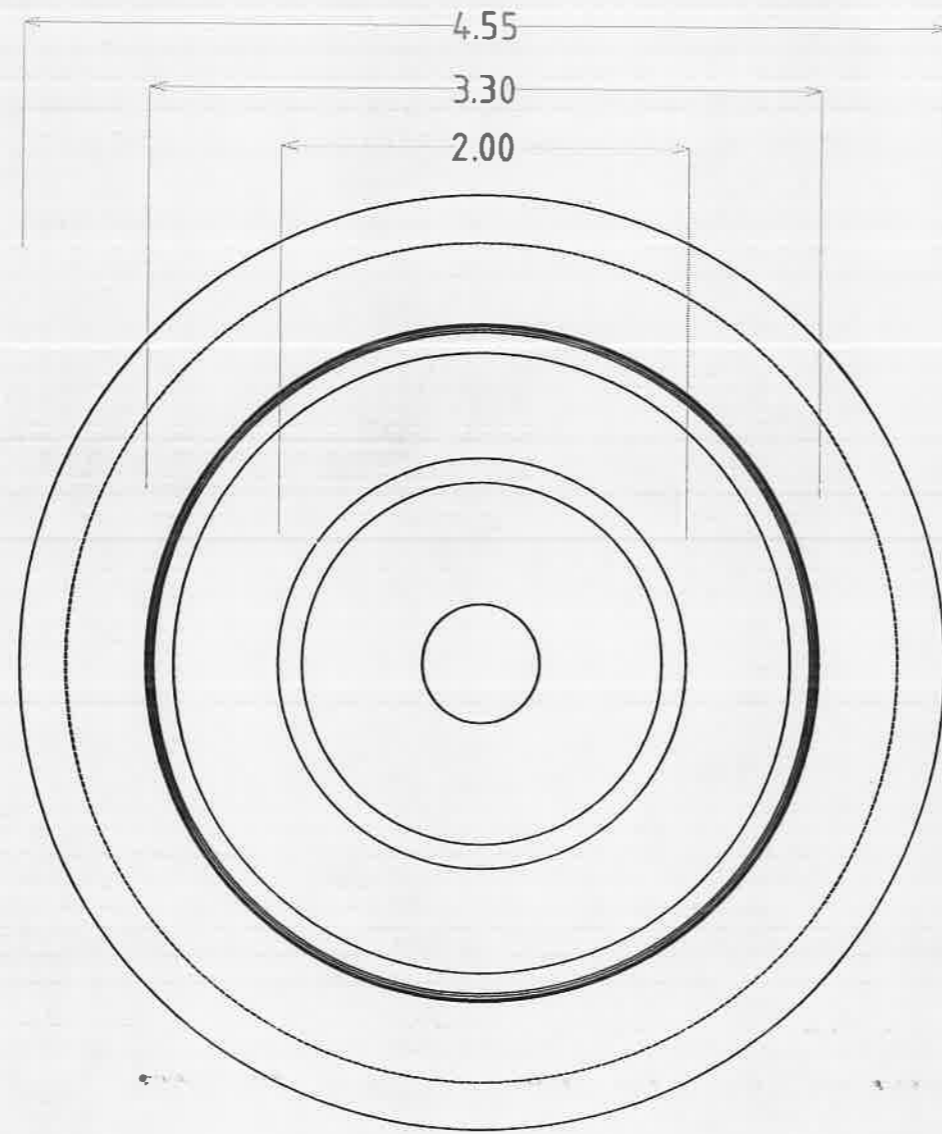
COMPOUND WALL GRILL DETAILS

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | CNT004 |
| DRAWN | D.P.S | |
| CHECKED | M.V.P | |

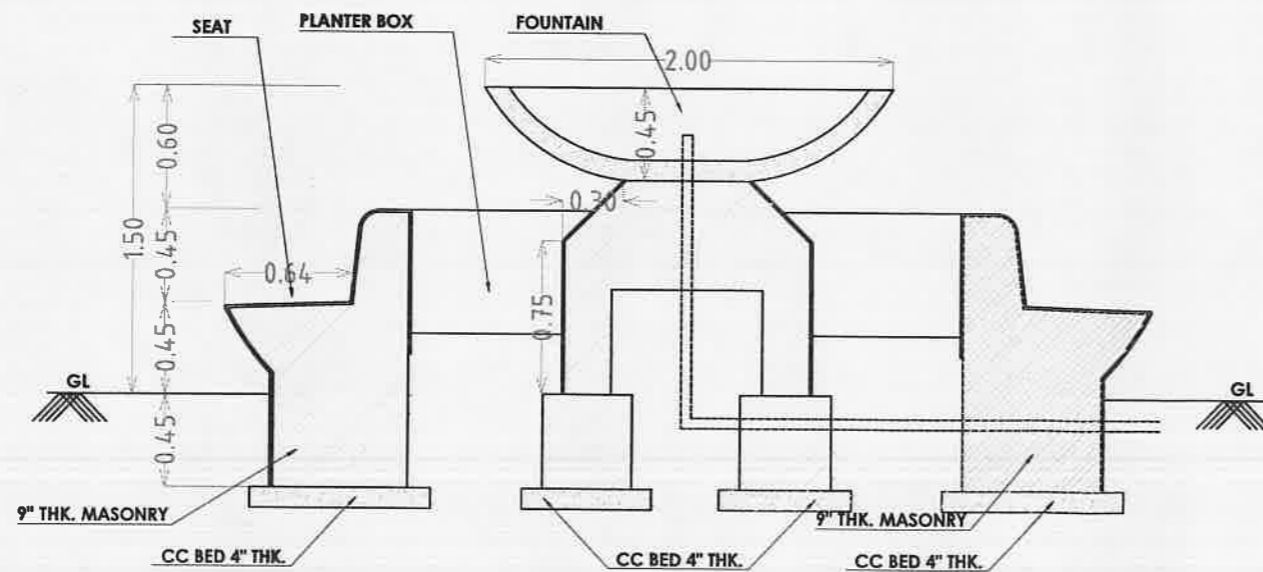
ARCHITECTS :

pallands associates
architects & interior designers
#1, temple square, carstreet
mangalore, ph - 2495651, 2495539
pallands@gmail.com

CAD REF :
#13/2019/PARK/ADR/PARK/ADR/PARK/SECTION/01



PLAN



SECTION @ AA

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- 2- Any discrepancy in the drawing should be brought to the notice of the Architects Immediately.
- 3- Only written dimensions are to be followed.
- 4- All Dimensions are in metres unless otherwise mentioned.

NOTES :

CLIENT :

PROJECT :

MSCL
MANGALURU SMART CITY LIMITED

DWG. TITLE :

FOUNTAIN WORKING PLAN

| DATE | SCALE | DWG. NO |
|------------|-------|---------|
| 13-03-2019 | N.T.S | CNT003 |
| DRAWN | D.P.S | |
| CHECKED | M.V.P | |

ARCHITECTS :



pailands associates
architects & interior designers
#1, temple square, carstreet
mangalore. ph- 2495651, 2496539
pailands@gmail.com

CAD REF :
WD/urp/ai/PARK/KADRI PARK/FINAL KADRI PARK/SECTIONS

6 nos


103 33

COMPLIANCE REPORT FOR COMMENTS RECEIVED FOR DEVELOPMENT OF KADRI PARK ROAD, FOOTPATH AND PARKING AT KADRI, PRESENTED DURING TECHNICAL COMMITTEE MEETING HELD ON 27.05.2019 AT KUIDFC.

| SL.No | Comments/ Suggestions by Technical Committee during the meeting | Compliance by MSCL/PMC |
|--------------|---|---|
| 1 | The finishes for the central pergola structure to be with natural items, such as rough Granite. | This is done and included in our Estimate |
| 2 | The work may be suitably packaged for tendering, the specialised items at item number 13,14 and 15 of the DPR recapitulation sheet may be considered as sub-projects to be implemented through separate tenders. | Considered and tendering system to be followed as mentioned |
| 3 | Ensure that the proposed art work/ painting on the compound walls depicts the culture of Mangalore city/ Dakshina Kannada district/Karnataka State. | It is ensured that proposed artwork/ painting on the compound walls will depict the culture of Mangalore city/ Dakshina Kannada district/ Karnataka State wherever necessary |
| 4 | For ideal implementation of the concept on ground, the finalised drawings, product photographs, reference brochures shall be depicted along with BOQ item in the DPR and bid document. While mentioning make/model of products ensure that at least 3 brands are included along with a note "or Equivalent". Further put a clause to mandate that all items of execution need to be approved by concerned architect/Engineer in-charge during the implementation. | Images, drawings depicting the product will be attached to the relevant item of work in the DPR. MSCL has been requested to included a clause to mandate that all items of execution need to be approved by architect/ Engineer in-charge during the implementation. |


Assistant Engineer
Mangaluru Smart City Ltd,
Mangaluru


Assistant Executive Engineer
Mangaluru Smart City Limited
Mangaluru


Executive Engineer
Mangaluru Smart City Limited
Mangaluru

PROJECT RISK ASSESSMENT

1. CLOSURE OF THOROUGHFARE OF THE ROAD:

RISK: Resistance from public and owners of private properties located on the road to the proposed to change use of the road use from the present thoroughfare status to one way system and make this a park road.

DESIGN INTERVENTION: The design specifically provides for all properties on the road to have unrestricted and proper access to the main roads. The national highway with excellent access and close proximity and which is parallel to this road will be the ideal alternative road for all users.

It is planned to connect a minor road behind the park to give relief to the home owners who will be inconvenienced by the road closure, with the permission from MCC.

MITIGATION: The Mangaluru City Corporation has already discussed the matter with the Corporators of the area and is apprised of the situation. It is suggested that MCC effect the change in road usage through correct procedure prescribed by law for such purposes, well in advance of the project start.

2. KADRI TEMPLE ANNUAL PROCESSION OF PALANQUIN BY DEVOTEES:

RISK: Resistance from the Kadri temple whose annual palanquin procession moves on this road. The procession is usually accompanied by about 40 to 50 persons.

DESIGN INTERVENTION: The central plaza (which has been made pedestrian use only) has unrestricted access for all pedestrians without obstacles of fence or gate. The palanquin which is carried on shoulders of walking devotees will have no hindrance for movement through the pedestrian plaza.

MITIGATION: The Mangaluru City Corporation has already discussed the matter with the Corporators of the area and is apprised of the situation. It is suggested that MCC explain the matter to the temple well in advance of the project start.

3. AFFECT TO EXISTING SMALL SHOPS:

RISK: resistance from the existing small shops who are either rented and long term squatters (sugarcane juice and other small shops) who will need to be displaced/incorporated with rent payments or otherwise in the project.

DESIGN INTERVENTION: Shops of similar sizes have been provided in similar locations on the road where authorised shops may be shifted to.

MITIGATION: This maybe duly negotiated and solution be suggested by authorities.

4. MERGER OF THE COMPOUND OF THE EXISTING BALABHAVAN OF THE WOMEN & CHILD WELFARE DEPT:

MITIGATION: This may be dealt with by the MCC through discussion with the appropriate authority.

REVENUE STREAMS -

It is possible to adopt the following revenue streams to generate funds for operations and maintenance.

1. ENTRY FEE - The onsite survey (attached) conducted indicate the number of users to be about 1,00,000 per month. Entry fee to all the users entering both the Parks - Kadri Park and Kadri Park Musical Fountain may be charged.

Average users - 1,00,000 x Rs 5 (minimum amount is suggested here for indication only) =
Rs. 5,00,000.00 per month.

2. SHOP RENTALS - There are 59 shops planned in this project having a total area of 497 Sq.m (5347.72 Sq.ft) as shown.

Minimum market rate for such shops in similar areas = Rs.30/Sq.ft.

5347.72 Sq.ft x Rs.30 = **Rs 1,60,431.6 /-per month.**

3.PARKING - Parking charges for paid parking currently operational in Mangalore is as below:

| Type of Vehicle | Parking Rate |
|-----------------|--------------|
| Two Wheeler | Rs. 5 |
| Four Wheeler | Rs. 10 |
| Bus | Rs. 25 |

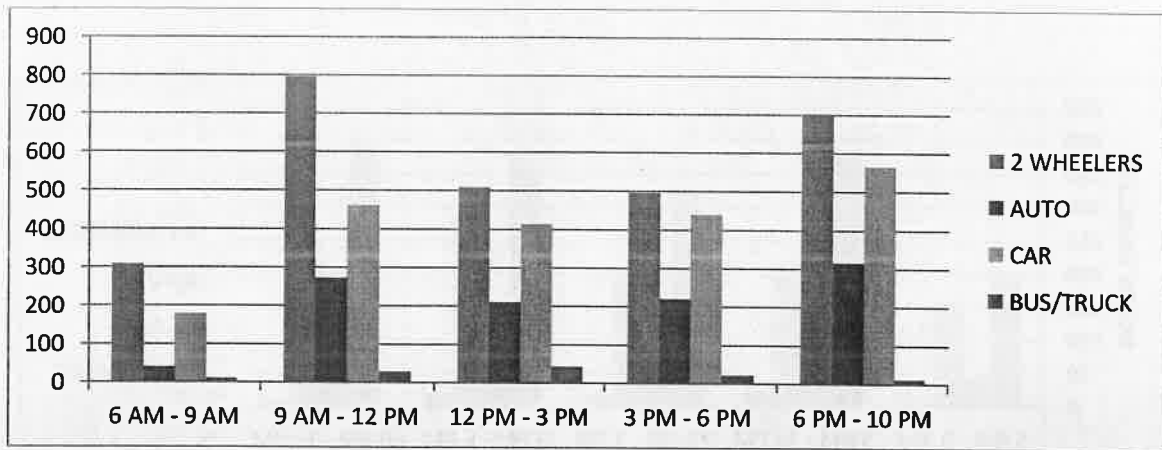
Accordingly, considering parking occupancy may be 75% on weekends and 25% on weekdays, the revenue PER HOUR may be:

| Type of Vehicle | No.of Parking | Parking Rate | 75% Occupancy on Weekends | Revenue Collected | 25% Occupancy on Weekdays | Revenue Collected |
|-----------------|---------------|--------------|---------------------------|-------------------|---------------------------|-------------------|
| Two Wheeler | 162 | Rs. 5 | 121 | 605.00 | 40 | 200.00 |
| Four Wheeler | 134 | Rs.10 | 100 | 1000.00 | 33 | 330.00 |
| Bus | 10 | Rs. 25 | 7 | 175.00 | 2 | 50.00 |
| TOTAL | | | | 1780.00 | | 580.00 |

Rs. 1780 + 580 = Rs.2360/hour x 4 hours per day (minimum value)
= Rs.9440/day x 30 days = **Rs.2,83,200 per month.**

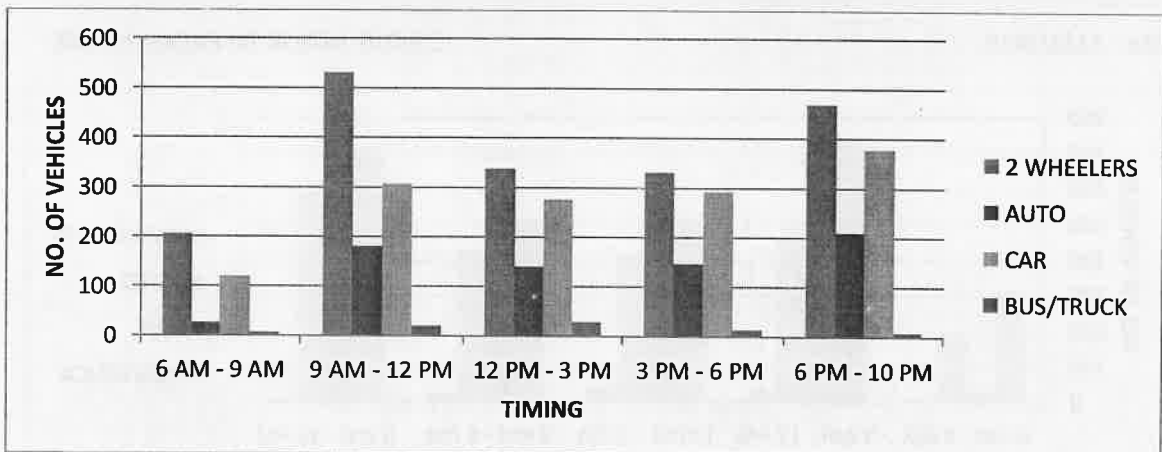
PROJECTED MINIMUM REVENUE/ MONTH

Rs. 5,00,000 + Rs. 1,60,431.6+ Rs. Rs.2,83,200 = Rs.9,43,631.00 Say **Rs.10,00,000 per month.**



Date - 13/2/2019

PADUA COLLEGE TO CIRCUIT HOUSE

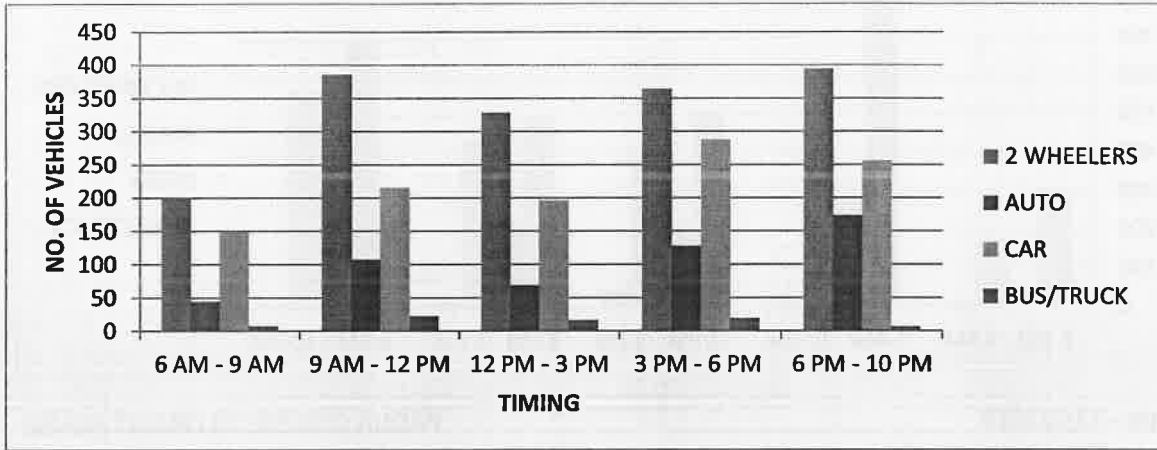


Date - 13/2/2019

CIRCUIT HOUSE TO PADUA HOUSE

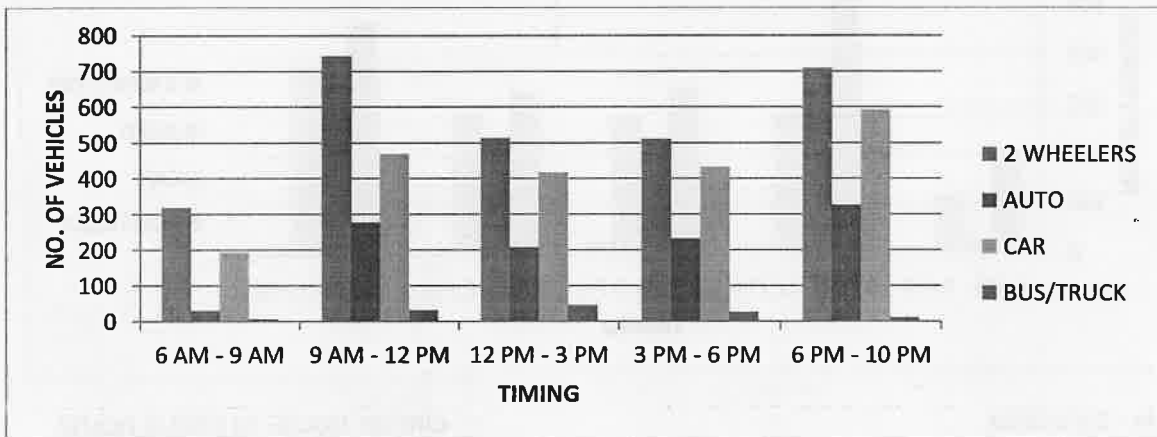
OBSERVATION:

- Significant movement of two-wheeler and cars were noted across the junction on the road proposed for development.
- He traffic movement from Cochin Bakery/ Padua College to Circuit house is more.
- On an average, the timings for peak traffic density is between 9AM-12PM in the morning hours and 6PM-10PM in the evening hours.



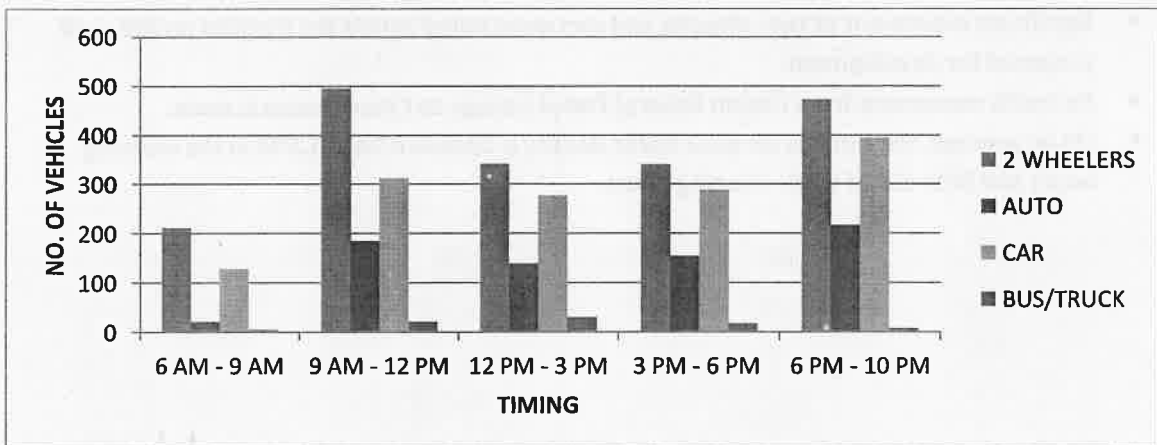
Date - 11/2/2019

CIRCUIT HOUSE TO PADUA HOUSE



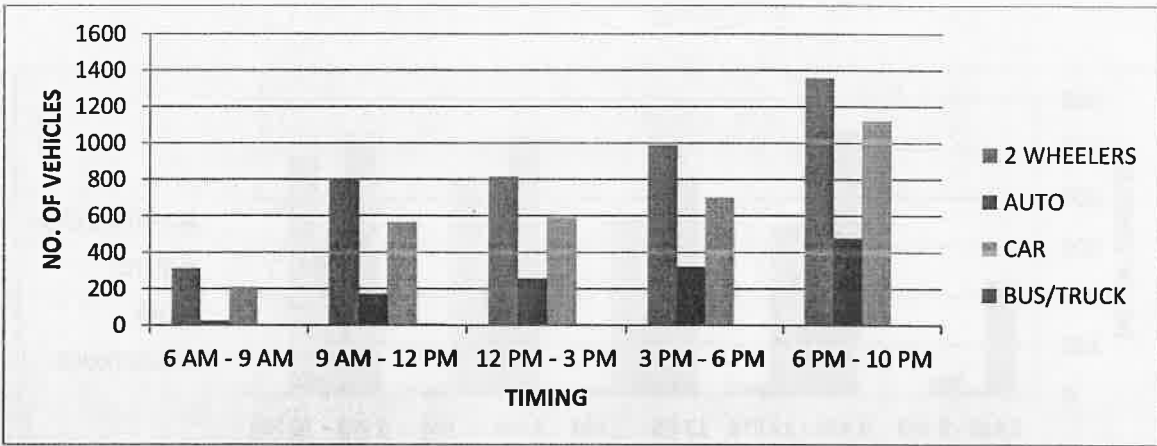
Date - 12/2/2019

PADUA COLLEGE TO CIRCUIT HOUSE



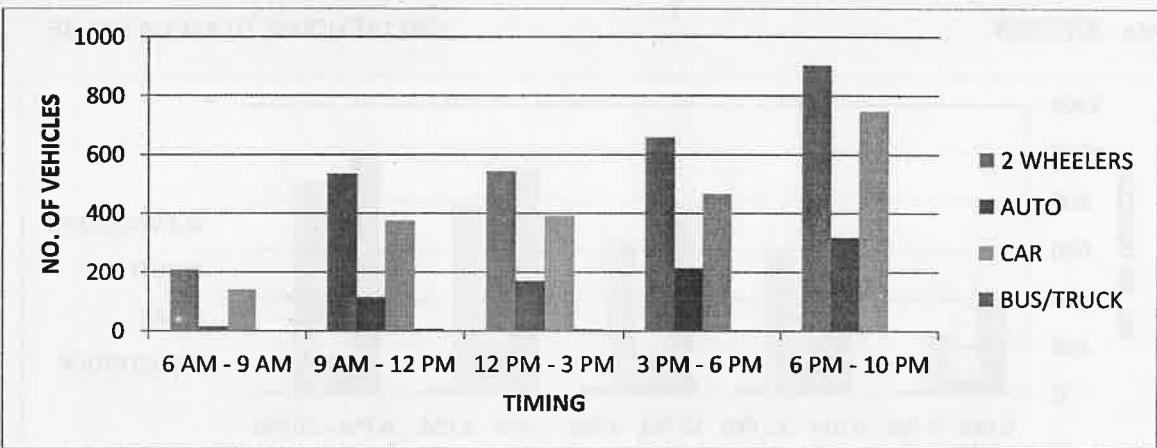
Date - 12/2/2019

CIRCUIT HOUSE TO PADUA HOUSE



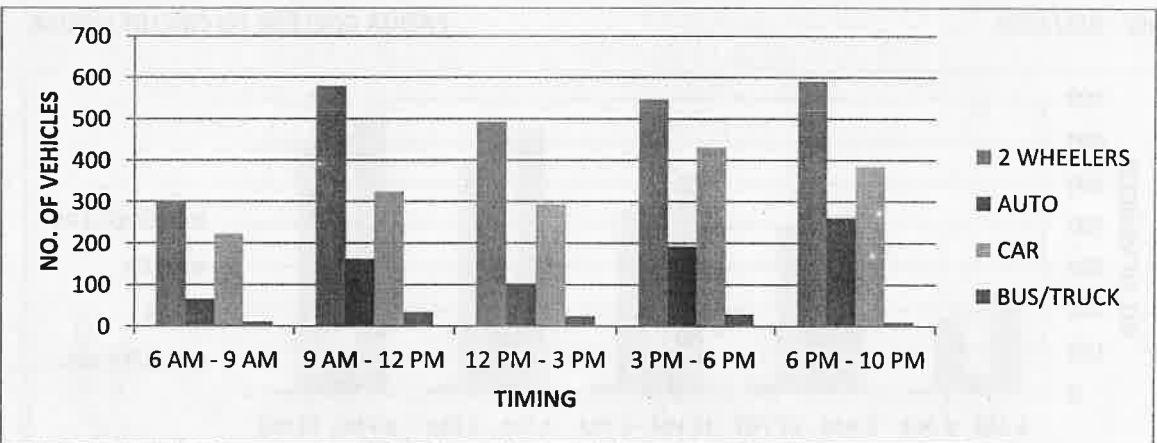
Date - 10/2/2019

PADUA COLLEGE TO CIRCUIT HOUSE



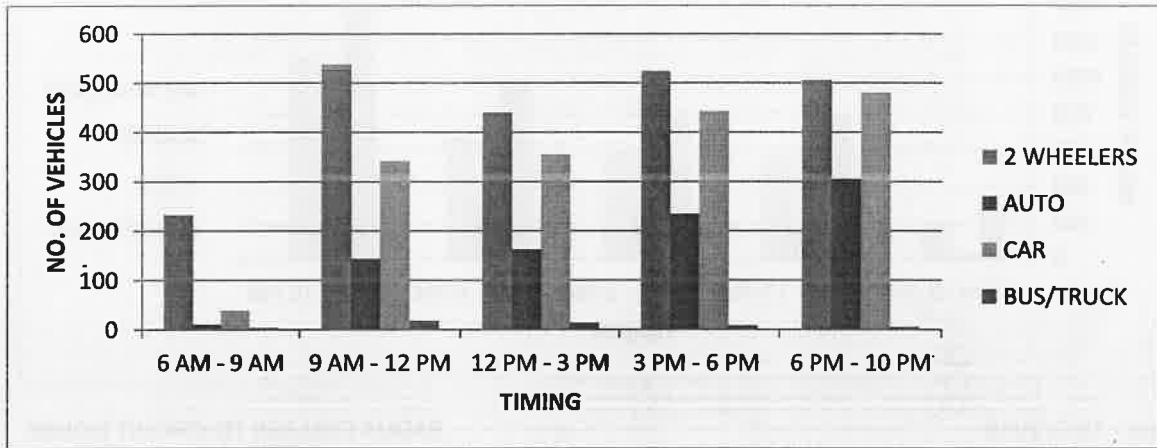
Date - 10/2/2019

CIRCUIT HOUSE TO PADUA HOUSE



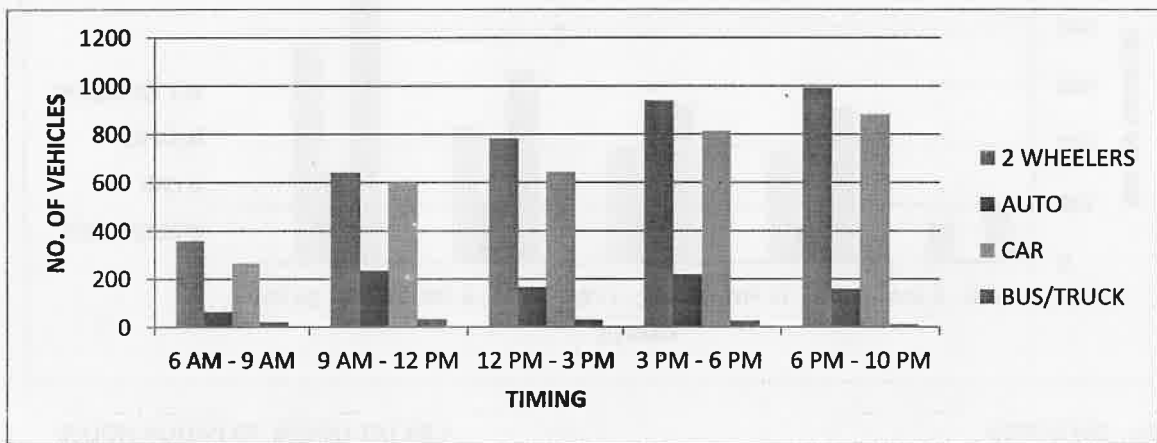
Date - 11/2/2019

PADUA COLLEGE TO CIRCUIT HOUSE



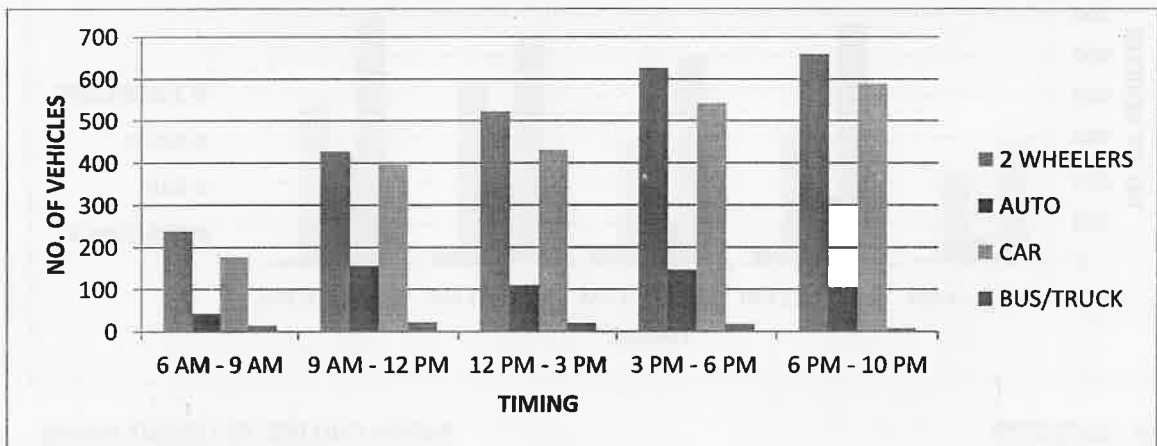
Date - 8/2/2019

CIRCUIT HOUSE TO PADUA HOUSE



Date - 9/2/2019

PADUA COLLEGE TO CIRCUIT HOUSE

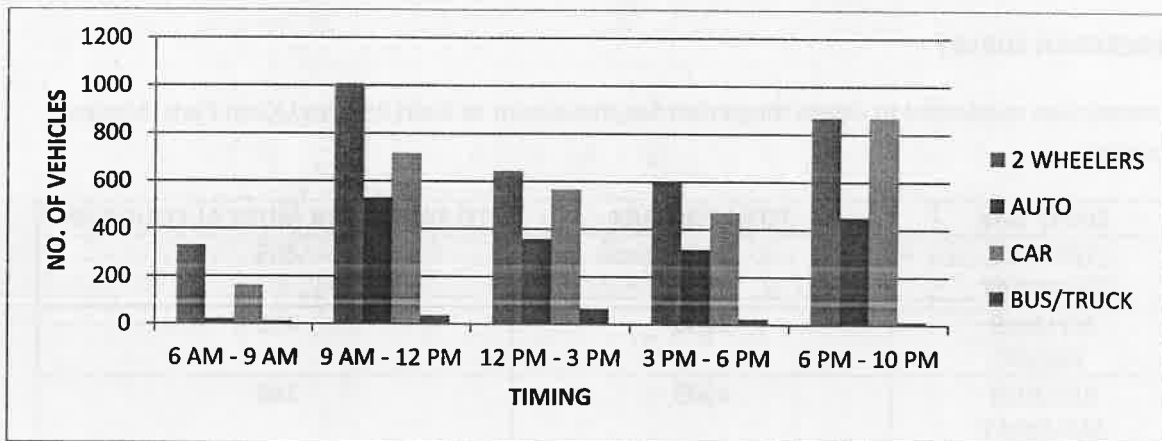


Date - 9/2/2019

CIRCUIT HOUSE TO PADUA HOUSE

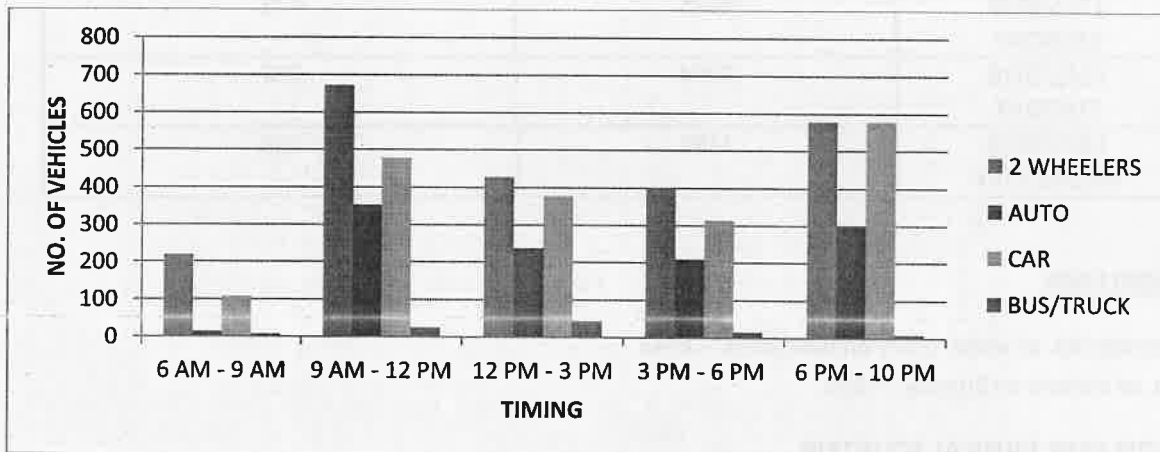
TRAFFIC SURVEY

A survey was conducted to assess the movement of traffic across the road proposed for development.



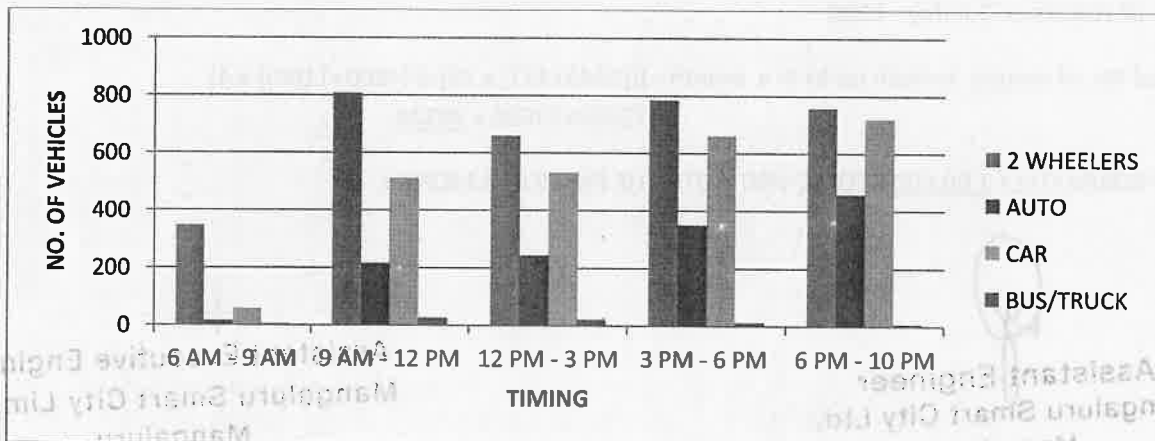
Date - 7/2/2019

PADUA COLLEGE TO CIRCUIT HOUSE



Date - 7/2/2019

CIRCUIT HOUSE TO PADUA HOUSE



Date - 8/2/2019

PADUA COLLEGE TO CIRCUIT HOUSE

PEDESTRIAN SURVEY -

A survey was conducted to assess the pedestrian movement to Kadri Park and Kadri Park- Musical Fountain.

| DATE/ DAY | TO KADRI PARK | TO KADRI PRAK MUSICAL FOUNTAIN |
|------------------------|---------------|--------------------------------|
| 7/2/2019 THURSDAY | 2395 | 555 |
| 8/2/2019 FRIDAY | 2000 | 455 |
| 9/2/2019 SATURDAY | 2505 | 340 |
| 10/2/2019 SUNDAY | 4800 | 1100 |
| 11/2/2019 MONDAY | 2975 | 473 |
| 12/2/2019 TUESDAY | 2394 | 488 |
| 13/2/2019 WEDNESDAY | 2386 | 493 |

KADRI PARK

Average No. of visitors/day on weekdays - 2443

No. of visitors on Sunday - 4800

KADRI PARK MUSICAL FOUNTAIN

Average No. of visitors/day on weekdays - 477


No. of visitors on Sunday - 1100

Total No. of visitors to both parks in a month - $\{([2443+477] \times 26) + ([4800+1100]) \times 4\}$
- 75920+23600 = **99520**

APPROXIMATELY **1,00,000** PEOPLE VISIT BOTH THE PARKS IN A MONTH.


Assistant Engineer
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