



KAMARAJAR PORT LIMITED

[A Mini Ratna Government of India Undertaking]

VALLUR POST, CHENNAI – 600 120

PH : 044 27950030 – FAX : 044 27950002

Quotation No: KPL/OP/95.23/CP/2017

OPEN QUOTATION FOR

**Improvement works to Substation at Port Administrative office
and Renovation work to existing sump at Signal Station Premises**

Due Date of Submission: 15:00 hrs on 19.07.2017

Date & Time of opening: 15:30 hrs on 19.07.2017

	NOTICE INVITING QUOTATION
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SECTION 2	GENERAL CONDITIONS
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KAMARAJAR PORT LIMITED
(A Mini Ratna Government of India Undertaking)

Quotation No: KPL/OP/ 95.23/CP/2017

NAME OF THE WORK : Improvement works to Substation at
Port Administrative office and
Renovation work to existing sump at
Signal Station Premises

LAST DATE & TIME FOR
RECEIPT OF QUOTATION : 19.07.2017 UPTO 15.00 HOURS

TIME & DATE OF
OPENING OF QUOTATION : 19.07.2017 @ 15.30 HOURS

PLACE OF OPENING : KAMARAJAR PORT LIMITED,
OF QUOTATION Dy. General Manager (Civil)
Kamarajar Port,
Vallur (post),
Chennai- 600 120.
Ph: 044-27950030

Dy. General Manager (Civil)
Kamarajar Port Limited.

KAMARAJAR PORT LIMITED**NOTICE INVITING QUOTATION****Quotation for Improvement works to Substation at Port Administrative office and
Renovation work to existing sump at Signal Station Premises****Quotation No: KPL/OP/95.23/CP/2017-18**

1. Sealed quotations are invited by Kamarajar Port Limited from the experienced Contractors to carryout the work of “**Improvement works to Substation at Port Administrative office and Renovation work to existing sump at Signal Station Premises**” in the prescribed form. The estimated cost of the work is **Rs.2,00,000/-**.

2. Quotation documents may be obtained from the Dy. General Manager (Civil), Kamarajar Port Limited, Vallur (Post), Chennai-600 120, during office hours at free of cost and the document may be downloaded from KPL website www.ennoreport.gov.in

3. The issue of quotation document at the address specified above is from 12.07.2017 during working hours of the port. Viz., from 9.45 AM to 4.45 PM on all working days.

4. The complete quotation document is available in port website: **www.ennoreport.gov.in**
The quotation document may download and submit as offer on or before the due date and time of submission.

5. No quotation will be considered which is not made in the prescribed form and which is not accompanied by an EMD of **Rs.4,000/-** (Rupees Four Thousand only).
MSME/ NSIC valid certificate holder shall be exempted from production of EMD.

6. The Employer do not bind themselves to accept the lowest or any quotation and reserve the right to accept any quotation in part or to reject any quotation without assigning any reason thereof.

7. Mandatory Documentary evidence for the following details as under:

i) PAN No. _____

ii) ESI No. _____

iii) EPF No. _____

iv) Registration of GST as per applicability

If the Mandatory Documentary evidence are not received according to the instructions detailed here above, they shall be liable for rejection.

8. Joint Venture – (Joint Venture not entertained in this contract)

9. Experience Certificate as Sub-Contract will not be considered. It should be Main Contract.

**Dy. General Manager (Civil)
Kamarajar Port Limited**

KAMARAJAR PORT LIMITED**SECTION – 1****INSTRUCTION TO BIDDERS****GENERAL****1. Scope of Bid**

1.1 Kamarajar Port Limited hereinafter termed “the Employer” invites quotation for the work of “**Improvement works to Substation at Port Administrative office and Renovation work to existing sump at Signal Station Premises**”.

1.2 The successful quotationer will be expected to complete the work within the stipulated contract period.

2. Site Visit

2.1 The Quotationer, at the quotationer’s own responsibility and risk is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the quotation. The costs of visiting the site shall be at the contractors own expense.

3. Quotation Documents

Content of Quotation Documents

3.1 The set of quotation documents comprises the documents listed below and addendum / corrigendum issued in accordance with clause 4.

Section	Notice Inviting Quotation
1	Instructions to Quotationers
2	General Conditions
3	Special Conditions
4	Bill of Quantities
5	Drawing
6	Specification of Materials and Works

One set of the Quotation documents will be issued to the quotationer. The document should be completed and returned with the bid.

3.2 The quotationer is expected to examine carefully all instructions, terms and technical specifications, bill of quantities, drawings, in the Quotation document.

4. Amendment of Quotation Documents

4.1 Before the deadline for submission of Quotation, the Employer may modify the quotation documents by using addenda/ corrigendum.

4.2 Any addendum/ corrigendum thus issued shall be part of the quotation documents and shall be communicated in writing or by cable to all the purchasers of the quotation documents. Prospective quotationer shall acknowledge receipt of each addendum by cable to the Employer.

5. Preparation of Quotation

5.1. Language of the Quotation

All documents relating to the Quotation shall be in the English language.

6. Documents comprising the Quotation

6.1 The Quotation submitted by the quotationer shall comprise the following:

i) Bid Security

ii) Schedule of Quantities (Bill of Quantities) filled with his rate for each item of work both in figures and in words and also fill up the amount column without any omission and duly sign each page of the quotation.

iii) All duties, taxes and other levies payable by the contractor under the contract, or for any other cause shall be included in the rates, prices and total quotation Price submitted by the Quotationer. As per Central Government Orders, the GST charges will be levied extra as per applicability.

iv) The rates and prices quoted by the bidder shall be fixed for the duration of the Contract and shall not be subject to adjustment on any account.

7. Quotation Validity

7.1 Quotations shall remain valid for a period not less than 120 days after the deadline date for bid submission

8. Bid Security (Earnest Money Deposit – EMD)

A. Earnest Money Deposit (EMD) should be 2% of the Estimated Cost

B. The quotationer shall have to pay the **Earnest Money Deposit of Rs.4,000/-** by Demand Draft/ Pay Order/ Banker's Cheque drawn in favour of "Kamarajar Port Limited" from any Nationalized/Schedule Bank (except Co-operative Banks) encashable at Chennai.

C. EMD of unsuccessful bidders will be refunded immediately after the issue of Work order to the L1 offerer.

The EMD of the successful tenderer will be refunded only after the remittance of (performance security) security deposit as per clause 13 of "Instruction to Bidders".

9. Deadline for Submission of Bids

9.1 Quotations must be received by the Employer at the address specified above not later than the 15:00 on 19.07.2017.

9.2 In the event of the specified date to submission of bids declared a holiday for Employer, the Quotations will be received upto the appointed time on next working day.

10. Late Bids

10.1 Any Quotation received by the Employer after the prescribed deadline will be returned un-opened to the quotationer.

11. Modification and Withdrawal of Bids

11.1 Quotationer may modify or withdraw their bids by giving notice in writing before the deadline prescribed.

11.2 No bid shall be modified by the bidder after the deadline for submission of bids.

12. Bid Opening and Evaluation

12.1 All the received quotations will be opened on the due and appointed time as specified.

13. Performance Security

Security Deposit shall consist of two parts;

- (a) Performance Guarantee to be submitted at award of work and
- (b) Retention money to be recovered from Running Bills.

Performance Securities should be 10% of Contract price of which 5% of contract price should be submitted as Demand Draft within 7 days of receipt of work order and balance 5% recovered as retention Money from Running Bills. Recovery of 5% of Retention Money is to commence from the first bill onwards @ 5% of bill value from each bill. Retention Money to be refunded within 14 days from the date of payment of final bill. Balance S.D to be refunded immediately not later than 14 days of completion of defect liability period.

14. Liquidity Damages

In case of delay in completion of the contract, liquidity damages (L.D) may be levied at the rate of ½% of the contract value per week of delay or part thereof, subject to a maximum of 10 per cent of the contract value.

15. Contract Period

The work shall be completed within **02 (Two) months** from the 7th day of placing the work order (or) the actual date of starting the work whichever is earlier.

16. Defect Liability Period

The defect liability period shall mean a period of **12 months** from the date of completion of entire works as certified by KPL in accordance with the contractual obligation.

Dy. General Manager (Civil)
Kamarajar Port Limited

SECTION – 2**GENERAL CONDITIONS**

1. The quantities given in the schedule of quantities are those upon which the approximate estimated cost of the work is based but they are subject to alterations, omissions, deductions and additions and do not necessarily show the actual quantities of the work to be done.
2. The work shall be done to the satisfaction of the Dy. General Manager (Civil) or his representative. The works shall be done in accordance with the specifications and the relevant standards set up by the Indian Standard. Any item of work carried out not in accordance with the specifications and other conditions will be rejected irrespective of the apparent quality of the work.
3. The work is to be carried out with due diligence and executed to a workman like manner. The material used when supplied by the contractor is to be of the best of its kind and in all cases to be subject to the approval of the Dy. General Manager (Civil) whose decision to the rate of progress the quality of the work or materials, sizes etc., is final.
4. The Dy. General Manager (Civil) may cancel the contract at his opinion at any time without notice for any reason including poor progress of work and may remove bad work or materials and have it replaced deducting the value of the work rejected or material removed of the cost of replacing it as he may think proper from any amount due or that may become due to the contractor. The decision of the Dy. General Manager (Civil) is final and will be binding on the contractor.
5. In case the contractor leaves the work incomplete the Dy. General Manager (Civil) shall have the right to have the work completed through any other agency and recover the extra expenditure incurred by the KPL in so doing from any money due or to become due to the contractor.
6. The contractor shall conform to and comply with the regulations and by laws of the Kamarajar Port Limited of all other local authorities such as the Corporation of Chennai. The Chief Electrical Inspector to the Government of Tamilnadu, the Tamilnadu Electrical system, the Factories Act., the Government Customs and Police Department, etc., The Contractor shall conform to rules, regulations etc., concerning injury to workmen compensation for injury to workmen, insurance for workmen etc., The contractor shall also conform to contract labour (Regulations and Abolition) Central Rule 1971 etc.,

7. The contractor shall be responsible for any accident, damage or injury caused to any of his employees or property or any person or property in course of the work and shall hold the KPL blameless in respect thereof and also in respect of any claim made by any person or any reasons whatsoever.
8. The contractor shall be solely responsible for reporting to the KPL and Police Department immediately of any serious or fatal accident inside the KPL premises to any of his employees / workmen engaged by him or any person involved in an accident as a whole of the work.
9. The work shall be carried out without causing any inconvenience to the KPL and to other works in progress in the neighbourhood and any losses of the KPL.
10. Admission into the harbour is regulated by passes for contractor and his staff and workers. The contractor shall obtain necessary passes for his men and himself paying the charges as fixed from time to time.
11. Only vehicles licensed by the KPL will be allowed to ply inside the Harbour.
12. The work shall be carried out only during KPL's working days between 9.45 A.M. and 5.45 P.M.
13. The quantities of work executed will be measured and payment made once a month generally except in the case of work for which the time for completion is specified as six weeks or less than six week in which case payment will be made only on satisfactory completion of the work.
14. The quantities furnished in this schedules are only approximate and can be increased or decreased at the discretion of KPL. However the consequent variation in the total quoted price will be limited to (+/-) 10% and the quoted rates shall be firm for such variation.
15. The contractor should submit the bill based on the recorded Measurements for the works done by the person authorised by KPL. The bill submitted by the contractor will be verified by the person authorized by the KPL and the contractor will be given the opportunity for witnessing the verification.
16. All payments made to the contractor for the work shall be rounded of the nearest rupee.
17. The materials used for the works shall be of good quality and approved make/manufacture and as per the specifications. The work must be carried out in workman like and expeditious manner. All the materials and works shall be complying with relevant Indian Standards/manufactures specifications and procedures.

18. The quotationer shall engage skilled workers. Necessary tools, accessories to complete the works within the prescribed time period.

19. The rates shall include all taxes, levis, duties, etc. and inclusive of all materials to be procured by the contractor including labour, tools, plants, etc. other taxes as applicable will be deducted from the contractors bill. As per Central Government Orders, the GST charges will be levied extra as per applicability.

**Dy. General Manager (Civil)
Kamarajar Port Limited**

SECTION – 3

SPECIAL CONDITIONS

1. The work shall be completed within **02 (Two) months** from the 7th day of placing the work order (or) the actual date of starting the work whichever is earlier.
2. **Supply of Electrical Power for the Works.**

If Power would be availed from KPL, the actual power consumption charges shall be collected from Contractor. The Power connection related to Labour and Material cost will be borne by the Contractor.
3. **Supply of Drinking water at the site of work.**

The contractor shall make his own arrangements.
4. **Supply of water for the work.**

The contractor shall make his own arrangements.

**Dy. General Manager (Civil)
Kamarajar Port Limited**

SECTION – 4**Quotation for Improvement works to Substation at Port Administrative office and
Renovation work to existing sump at Signal Station Premises****BILL OF QUANTITIES**

Item No.	Probable Quantity	Description of Item	Rate (In figures & in words) Rs. P.	Unit (In figures & in words)	Amount (In figures & in words) Rs. P.
1	7.00 Cum	Providing Brick work in CM 1:3 as per specifications in foundation including cost of all labours, materials, lifting charges etc., Complete all as per direction of Engineer-in-charge		1 Cum (Cubic Metre)	
2	50.00 Sqm	Plastering the wall surface in C.M 1:3 - 12mm thick including cost of all labours, materials, lifting charges etc., Complete all as per direction of Engineer-in-charge		1 Sqm (Square Metre)	
3	2.00 Cum	Providing and laying R.C.C 1:1.5:3 Mix - 20mm H.G. metal of 150mm thick including cost of all labour, plant and machinery, transportation etc., complete all as per direction of Engineer-in-charge		1 Cum (Cubic Metre)	
4	15.00 Sqm	Formwork for Roof Slab Sump and Toilet Roof Slab including scaffolding including cost of all labour, plant and machinery, transportation etc., complete all as per direction of Engineer-in-charge		1 Sqm (Square Metre)	
5	200.00 Kg	Fabricating steel and placing reinforcement bars for Sump Roof Slab at Signal Station and for Toilet Roof Slab at Substation including cost of all labour, plant and machinery, transportation etc., complete all as per direction of Engineer-in-charge		1 Kg (Kilogram)	
6	1 No	Providing CI Manhole of size (0.60 m x 0.60 m) above Sump including cost of all labours, materials, etc., complete all as per direction of Engineer-in-charge		1 No (Number)	
7	10 Nos	Providing PVC Rungs inside of Sump including cost of all labours, materials, lifting charges etc., Complete all as per direction of Engineer-in-charge		1 No (Number)	
8	50.00 Sqm	Providing flooring with Glazing tiles 300mm x 300mm (or) as available in the market 10mm thickness with 10mm thick of C.M 1:4 etc., complete all as per direction of Engineer-in-charge		1 Sqm (Square Metre)	

Item No.	Probable Quantity	Description of Item	Rate (In figures & in words) Rs. P.	Unit (In figures & in words)	Amount (In figures & in words) Rs. P.
9		Providing Door at Substation			
9.1	1.00 Cum	Dismantling of brickwork below existing window to provide Steel Door including cost of all labours, materials, lifting charges, disposal charges etc.,. Complete all as per direction of Engineer-in-charge		1 Cum (Cubic Metre)	
9.2	3.00 Sqm	Painting new wall surface with two coats of Emulsion Paint including cost of all labours, materials charges etc.,. Complete all as per direction of Engineer-in-charge		1 Sqm (Square Metre)	
9.3	6.00 Sqm	Painting 2 Coats of Enamel paint (colour) on new steel surface including cost of all labours, materials charges etc.,. Complete all as per direction of Engineer-in-charge		1 Sqm (Square Metre)	
9.4	61.12 Kg	Providing MS Door Frame including one coat of Zinc Primer including cost of all labour, materials, transportation etc., complete all as per direction of Engineer-in-charge		1 Kg (Kilogram)	
9.5	70.00 Kg	Providing MS Sheet of 3mm thick for Door Shutter including one coat of Zinc Primer including cost of all labour, materials, transportation etc., complete all as per direction of Engineer-in-charge		1 Kg (Kilogram)	
10	1.00 LS	Providing Gear operated lifting arrangement for the 3 Nos of MS-Rolling Shutter including one coat of Zinc Primer and two coats of Enamel Paint (colour) on new steel surface for Substation & RMG Building including cost of all labour, materials, transportation etc., complete all as per direction of Engineer-in-charge. (Substation – 2 Nos and RMG – 1 No) Total = 3 Nos		1 LS (Lumpsum)	

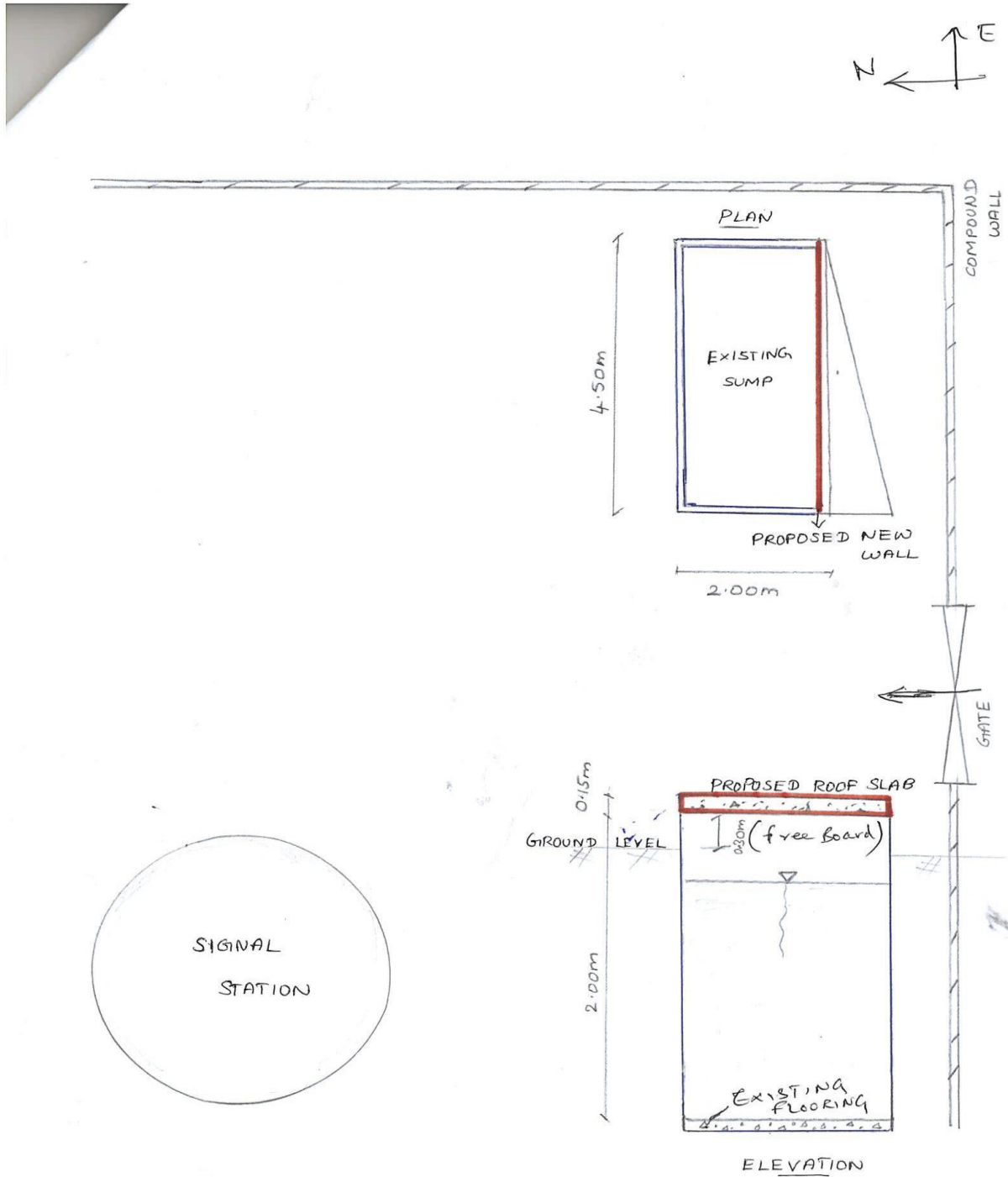
Amount in words Rupees.....)

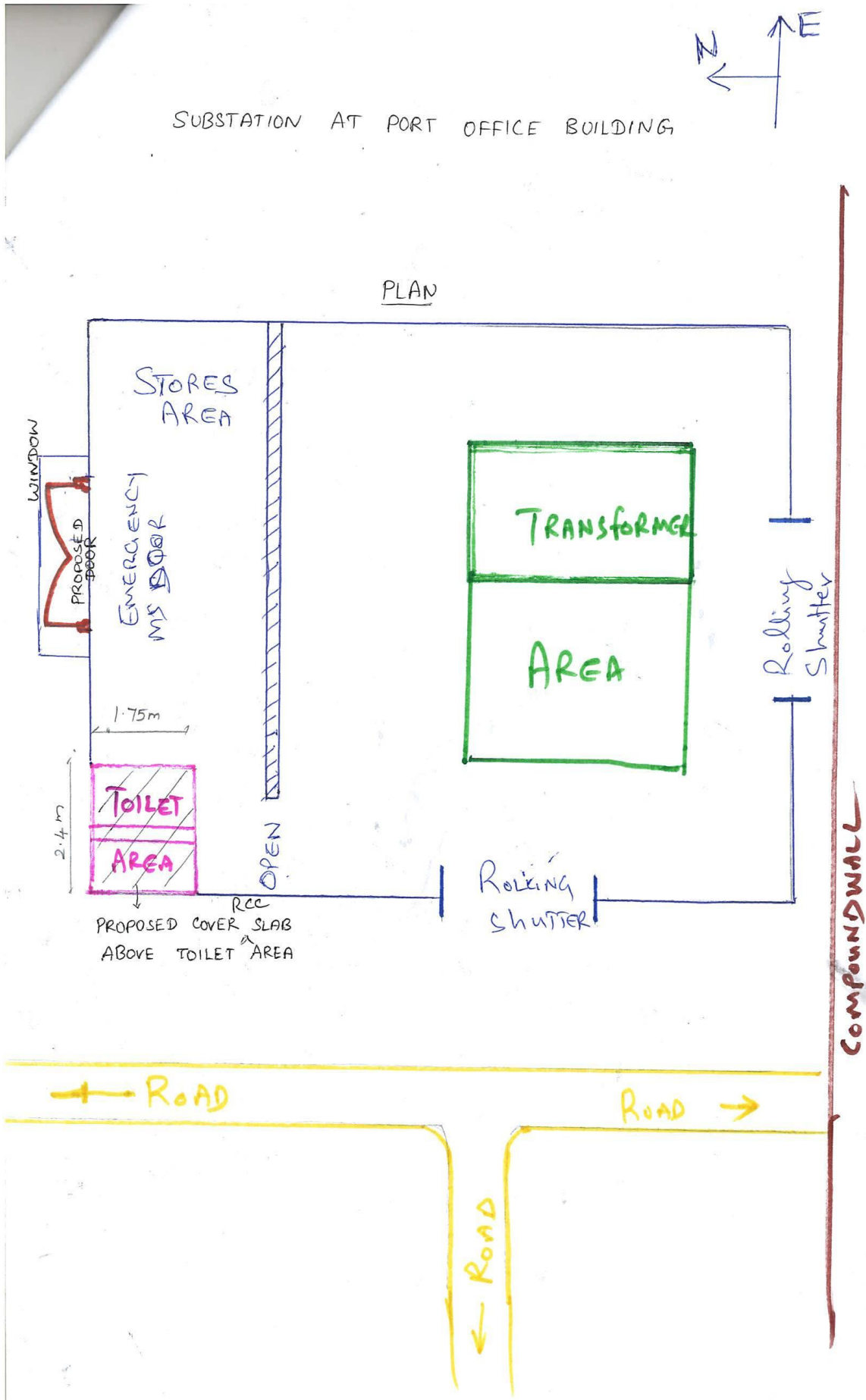
Signature of the Quotationer
(With Seal)

Dy. General Manager (Civil)
Kamarajar Port Limited

SECTION - 5

DRAWING





SECTION – 6

SPECIFICATIONS OF MATERIALS AND WORKS

The goods or materials to be supplied by the contractor should be of the quality or sort specified and in every respect equal and answerable to the pattern or samples submitted by him for approval of the Engineer or his representatives.

On prior approval of the each and every sample only the placement of purchase order for the materials to be used in the construction work should be carried out by the contractor.

1. Brickwork :

The bricks shall be of first class, regular in shape, size and colour. The bricks should be free from flaws, cracks and lumps of any kind and shall have minimum crushing strength 10.5 N/mm². The bricks shall not absorb the water more than one sixth of the weight of the brick. The sand used shall be medium coarse, clean, sharp, free from clay, mica and other organic matter. The cement used shall satisfy the requirement of Bureau of Indian Standard. The mortar is designated in specified proportion of cement and sand. The materials are weighed or measured and mixed on watertight platform after allowing bulkgage of sand. Bricks before laying shall be thoroughly soaked in water. The bricks laid truly horizontal in course with frogs upwards. The brickwork shall be raised 1m in height at strength all round the building. Only fresh mortar within ½ hour for cement mortar, the time of adding water shall be used. During rains, no brickwork is carried out when special arrangements are made. The brickwork shall be kept wet for atleast 10 days.

2. Plastering :

Plastering shall be started from the top and worked down towards the floor. All putlog holes shall be properly filled in advance of the plastering as the scaffolding is being taken down. The Thickness of Plastering required as per description of the item, the average thickness of the plaster shall not be less than the mentioned thickness. Plastering is done by applying cement mortar with required ratio on the walls and the plaster should be in straight line, level and plumb and the joint must be in right angle. The surface to be plastered should be racked out and cleaned with wire brush. The plastering and finishing shall be completed within half an hour of adding water to the dry mortar. Care should be taken that unwanted cement mortar on the frames and electric fittings should be cleaned immediately after finishing the plaster. The plaster shall be kept wet for a period of at least 7 days. During this period, it shall be suitably protected from all damages at the contractor's expense by such means as the Engineer-in-Charge may approve.

3. RCC Works :

Shuttering shall be done using seasoned wooden boards of thickness not less than 30 mm. Surface contacts with concrete shall be free from adhering grout, nails, splits and other defects. All the joints are perfectly closed and lined up. The shuttering and framing is sufficiently braced. All the props of approved sizes are supported on double wedges and when taken out, these wedges are eased and not knocked out. The entire framework is removed after 21 days of curing without any shocks or vibrations. All reinforcement bars conform IS specifications and are free from rust, grease oil etc. The steel grills are perfectly as per detailed specifications. The covers to concrete are perfectly maintained as per code. The materials proportion should be as per the specifications of the concrete.

4. Wall Painting with Plastic Emulsion Paint :

Plastic Emulsion Paint as per IS 5411 of approved brand and manufacture and of the required shade shall be used. The number of coats shall be as stipulated in the item. The Paint will be applied in the usual manner with brush, spray or roller. The Paint dries by evaporation of the water content and as soon as the water has evaporated the film gets hard and the next coat can be applied. The time of drying varies from one hour on absorbent surfaces to 2 to 3 hours on non-absorbent surfaces. The thinning of emulsion is to be done with water and not with turpentine. Thinning with water will be particularly required for the under coat which is applied on the absorbent surface. The quantity of water to be added shall be as per manufacturer's instructions. The surface on finishing shall present a flat velvety smooth finish. If necessary more coats will be applied till the surface presents a uniform appearance.

5. Painting With Synthetic Enamel Paint :

Synthetic enamel paint (conforming to IS 2932) of approved brand and manufacture and of the required colour shall be used for the Top Coat (Top coats of synthetic enamel paint of desired shade shall be applied after the undercoat is thoroughly dry. Additional finishing coats shall be applied if found necessary to ensure properly uniform glossy surface) and an undercoat (One coat of the specified ordinary paint of shade suited to the shade of the top coat, shall be applied and allowed to dry overnight. It shall be rubbed next day with the finest grade of wet abrasive paper to ensure a smooth and even surface, free from brush marks and all loose particles dusted off) of ordinary paint of shade to match the top coat as recommended by the same manufacturer as far the top coat shall be used. The number of coats including the undercoat shall be as stipulated in the item.

6. Gear-Operated Type Rolling Shutters :

As per Clause 8.2 of IS:6248 -1979, Gear-operated type rolling shutters ordinarily employ a worm drive arrangement, the worm driving the worm wheel attached to one end of the roller. Worm drive is preferred in view of its irreversible nature, which provides a safeguard against any accidental downward descent of the curtain due to failure of the springs.

Gear-operated type rolling shutters shall be operated: (a) by means of bevel gear box and crank handle or, and (b) by a chain wheel and endless hand chain mounted directly on the worm shaft respectively. The bevel gear box shall be mounted on the wall adjacent to the shutter at a height of approximately 0.85 m from the floor. The gear box shall operate the worm by a straight shaft connecting the top of the gear box and the worm. The crank handle of the gear box shall be detachable. If so desired by the customer, the crank handle operation shall be provided on both sides of the wall by extending the horizontal shaft of the gear box backwards and providing an extra crank handle at the back of the wall. Chain wheel and hand chain operation may also be provided from both sides, if needed. The endless hand chain shall hang to a distance of approximately 0.85 m from the floor level. The gear reduction snail shall be calculated to reduce the pressure exerted, on the crank handle or the pull exerted on the hand chain to not over 16 kg.

7. MS Steel Door :

Steel Doors shall conform to IS 4351. Frames for Steel Door shall be manufactured out of 45x45 of 6mm thick including one coat of Zinc Primer. Each door frame shall have hinge jamb, lock jamb, head, The entire assembly shall be welded. The base tie shall be out of 18 gauge MS pressed steel section adjusted within floor finish thickness. The frame shall have a brass lock strike plate with mortar guard. For single leaf door, there shall be a minimum of three rubber buffers fixed to the frame.

Door Steel Shutters shall be manufactured out of Galvanised Steel Sheet of 3mm thick including one coat of Zinc Primer which is to be welded with MS Frame at required intervals.

The mode of measurement should be weight basis which the fully fabricated Steel Door is to be weighing in Weight Bridge in the witness of KPL Representative before installation.

8. All the work shall be carried out as per relevant specifications and to the satisfaction of the KPL.

9. The specification of all other materials shall be as per the relevant Indian Standard specifications as applicable of latest version.

10. During the work carried out at site the Safety should be ensured for Height works, Electrically operated machine works, Gas Cutting works if any.

11. During the work carried out at site the work shall be done carefully, without causing any damage to the property of the neighbouring structures or other agencies.

12. The Power consumption for execution of the Civil Work is chargeable basis.

**Dy. General Manager (Civil)
Kamarajar Port Limited**