

**CORPORATION OF CHENNAI
ELECTRICAL DEPARTMENT**

El.D.C.No. /C/SMII/P1/1919/ 2010 ..

WORK CONTRACT

Tender Documents for : Supply and installaion of 3 nos 6mt 32 nos of 9.2 mt and instalation of 66 nos 6nt post lamp post in Z-VII



Tender Notice, Letter of Tender, Agreement, specification bill of quantities and drawings.

Last date of submission of Tender documents on : 14.5.10 up to 3.00 P.M

TENDER Due to be opened on : 14.5.10at 3.15 P.M

Last date of Tender form sale : 12.5.10 till 3.00 P.M.

EMD amount : Rs. 12,900/=

1. Tenders for the execution of the above works (as detailed in the tender schedule and specification) in the City of Chennai will be received on behalf of the Commissioner, Corporation of Chennai by the Superintending Engineer / Electrical, Electrical Department at his office at Ripon Buildings, Park Town, Chennai upto 3.00 P.M. on the due date mentioned.
2. Printed forms of tender and contract together with drawings can be obtained from the Tender sales counter, Ripon Buildings, Chennai Corporation against payment of the amount specified, in the form of Bank Draft. This amount will not be refunded.
3. The work to be tendered for include all associated works. Connected with the above mentioned works, as specified in the specification and also subject to the terms and conditions contained in the contract. Decision of the Superintending Engineer / Electrical, will be final in case of any dispute regarding the nature of work to be carried out.
4. The tenderer shall carefully inspect the entire route and alignment of road for Lamp post installation/cable laying and shall inspect the Corporation Building in case of Electrification for this contract before tendering for the work so as to get an idea as possible of the extent of any implications involved in the work comprised in the contract.
5. The tenderer has to fill in the letter of tender and bills of quantities, must sign and deliver them back to the Superintending Engineer / Electrical, Electrical Department, Corporation of Chennai at his office at Ripon Buildings, Park Town, Chennai-600 003, in a sealed cover, superscribing the work, due date of opening reference number for which quoted and.
6. Tenderer shall furnish their tender along with the EMD in wax sealed cover for the contract value upto Rupees Twenty Five Lakhs. If the contract value more than Rupees Twenty FiveLakhs, the tenderer shall furnish their tender in three cover system. That is, one cover containing the tender and another cover containing the EMD, both these cover placed inside the third sealed outer cover with the subscription of Tendered work, due date of opening time etc. shall be addressed to the Superintending Engineer / Electrical, Corporation of Chennai, Chennai - 600 003, and delivered at Tender Sales Counter, Ripon Buildings on or before the due date of opening before 3 p.m. The tenders will be opened at the Ripon Buildings, Corporation of Chennai at 3.15 p.m. on the due date of opening. Belated offers will not be considered. Every tender must be accompanied by EMD at 1% of the contract value by the way of BankDraft payable at Chennai. Cash or Cheque or Tenders without required EMD will not considered.
7. No alteration whatever may be made in the text of the tender any remarks or explanations should be sent but in the covering letter. The form of contract is bound up with the other documents so that the tenderers may know that their liabilities and duties are and the entire tender form should be submitted to the Corporation when submitting the tender.
8. Attention is drawn to the Security Deposit, normally upto 2% (but which will be vary depends upon the lower percentage as mentioned in their Terms and

conditions enclosed herewith) of the contract value which will have to be deposited by successful tenderer and to his having to execute agreement attached within the time stated in the letter of tender. The Corporation will not accept letters authorising the Corporation to adjust amounts payable towards tender deposit as security deposit from pending bill of the tenderer.

9. The tender deposit of each unsuccessful tenderer will be returned to him as soon as possible after the final disposal of the tender. Deposit of the successful tenders will be returned to him after he has deposited the security deposit and execute the agreement, if that is done within the required time.
10. The successful tenderer will have to pay all stamp charges on the contractor.
11. Should the successful tenderer fail to furnish such security to execute the contract within the time specified for that purpose in the tender or to furnish the income tax clearance certificate while execution of agreement, he shall forfeit his tender deposit to the Corporation and concluded contract will in such case be considered as having been rejected abandoned and the Commissioner of the Corporation of Chennai shall there upon be at such time or times in such manner and on such terms as he may think it to arrange for the performance of the work departmentally or be any other person or persons and the defaulting tenders shall be held liable irrespective of the forfeiture of aforesaid for all damages losses costs, charges and expenses arising from or by reason of such failure and arrangements. The acceptance of the tenderer by the Corporation shall be deemed to result in and constitute a valid and concluded contract binding on the tenderer not withstanding the non-execution of the contract agreement.
12. It must be clearly understand that the prices quoted in the tender are to include everything required to be done by conditions of contract and specifications or by any drawing therein referred to and also all such works as are necessary for the proper completion of the contract through special mention thereof may have been omitted in the specifications or drawings.
13. No allowance shall be claimed by or made to the contractors whose tender may be accepted for any error in rates of whatsoever description that may be discovered after his tender is sent in.
14. The Corporation does not bind itself to accept the lowest or any tender or to adhere to the quantities specified and may reject and or all or the tenders received without assigning any reasons or more items of work without assigning any reasons.
15. The successful tenderer will not be exempted from the payment of any municipal rates, tolls or taxes in consequence of his being contractor for the Corporation.
16. Any further information that may be required may be obtained from Electrical Department, Corporation of Chennai, on any working day between 10.00 a.m. and 5.30. p.m.
17. The tenders shall be opened for acceptance for a period of 90 days from the last date fixed for the receipt of tender. If there is no mention about validity period in the tender, it will be construed that the quoted rate are valid for 90 days.
18. Tenderers are referred to the description of work given in the accompanying

specification which is to be read as part of the Bill of quantities. The rates and prices given in the bills of quantities are to cover all the works and detailed described in the specification or shown in the drawings and it is to be strictly understood that no claim will be entertained which is based on the circumstances that works may be described in the specification to which apparently no corresponding items is given in the bills of quantities.

19. The tenderers or their agents are expected to be present at the time of opening tenders. The Tender receiving Officer will open each tender, prepare a statement of the attested and unattested corrections therein and if any of the tenderers or their agents find unattested corrections and communicate it to him. The absence tenderers shall then accept the statement of the corrections without any question whatsoever.
20. 2% plus 12% surcharge on I.T. and 2% Education cess M I.T and S.C. on Income tax deduction will made by the department from the work bill value during the payment to the contractor for crediting in the accounts of Central Government as per section 1940 of Income Tax Act 1961.
21. 5% retention amount from the work bill value will be withheld for release with security deposit soon after satisfaction of entire work execution.
22. Post offers will not be considered.
23. The rates shall be quoted both in words and figures.
24. The tenders should be sent in wax sealed covers only.
25. Every Tenderer is requested fully pre-receipt the enclosed E.M.D. refund order form by affixing a Rs.1/- revenue stamp at the appropriate place and signing over it under official seal for arranging refund of E.M.D. in the case of successful contractor E.M.D. will be refunded on execution of agreement and payment of security deposit.
26. The bank draft for EMD shall be drawn in favour the Commissioner, Corporation of Chennai.
27. The security deposit shall be furnished by the successful tenderer in the shape of National Small Savings Scripts / Certificates and have to pledged in favour of the Commissioner, Corporation of Chennai.
28. Tenders received from such registered contractors registered for electrical work in Electrical Department under appropriate class only will be considered.
29. In the event of an order placed on successful contractor, the MANUAL WORKERS GENERAL WELFARE FUND at 0.3% of the sanctioned estimate amount will be deducted at the time of presenting the contractor first bill as per the Tamil Nadu Manual Workers (Regulation of employment and conditions of work) Act 1982 vide Corporation of Chennai Finance Cell circular No. FC No.889 / 2006 dt : 12-9-2006
30. INDEMNITY BOND : In the event of an order placed, the successful contractor has to be executed by the contractor indemnifying the Corporation of Chennai from any claim which may arise due to any accident to the workers engaged for the work or other damages.

**CORPORATION OF CHENNAI
ELECTRICAL DEPARTMENT**

El.D.C.No. C/SMII/P1/1919/ 2010 .

Tender for : Supply and installaion of 3 nos 6mt 32 nos of 9.2 mt and instalation of 66 nos 6nt post lamp post in Z-VII

LETTER OF TENDER

(To be delivered to the Superintending Engineer / Electrical Corporation of Chennai on at or before 3.00 p.m. on due date mentioned)

The Commissioner,
Corporation Of Chennai,
Ripon Buildings,
Chennai - 600 003.

Sir,

I/We the undersigned to hereby tender and undertake to perform provide, execute and do all the works, materials matters and things described or mentioned in the bill of quantities hereto annexed, and the specification thereto and the Drawings therein referred to which have been produced to and subject mentioned in the said bills of quantities, specifications and the drawings there, referred to, at the rates given and as stated in the bills of quantities.

I/We herewith enclosed Challan No.

Dated :

for having remitted Rs.

into the Corporation Treasury as a guarantee for the due fulfilment of my/our tender, and if successful, undertake and agree to forward to the Corporation within seven days after the notification, of the acceptance by the Corporation of this tender has been received by me/us. The sum of Rs. _____ in each or in Government promissory Notes or Securities of the Government of India specially endorsed in favour of the Corporation of Chennai of such nominal value or such other amount damage as security for the due fulfilment of my/our contract.

I/We undertake and agree that I will not withdraw this tender during the period that will be required for intimation of acceptance of non-acceptance as stipulated in Class-I of the notice such period to the Corporation and if/we do as withdraw I/We am / are liable to forfeited the tender deposit of Rs. _____ of the Corporation.

I/We further undertake and agree to execute at my/our cost the agreement attached and to sign the plans there in referred to and to produce the income tax clearance certificate, within 7 days after the notification of acceptance of my/our failing to pay the security deposit or to execute the agreement and sign plans within the time specified for the purpose, the sun of deposit accompanying this tender shall in such

case be considered as having been cancelled or terminated any you may think fit, arrange either departmentally or by other persons or person to lay the cables, materials matters and things describe or mentioned herein and I/We agree to be liable/irrespective of the forfeiture for all damages, losses costs, charges and expenses arising from or by reasons of such failure and arrangements.

I/We also undertake to do all extra or varied works which be ordered as part of this contract upon the terms provided for in the specification.

In case my/our tender for the laying of underground cables of various sizes etc., is accepted.

I/We agree and guarantee to commence the said work within a period of 7 days and complete within a period of 2 months from the date of which the acceptance of my/our tender is communicated to me/us. I/We have actually inspected the site of works and have tendered for the works after such inspections.

I/We undertake and agree to abide by this tender for period of three months from the latest date fixed for receiving the same.

As witness my/our had this

day of

Address :

To be affixed with Rs.20/-
valued special Non-Judicial
Adhesive Stamp before
signing this agreement.

Order Ref :

**CORPORATION OF CHENNAI
ELECTRICAL DEPARTMENT**

Contract for the work of Supply and installaion of 3 nos 6mt 32 nos of 9.2 mt and
instalation of 66 nos 6nt post lamp post in Z-VII

Nature of Work :

AGREEMENT

Agreement made the

..... day

.....of Two thousand

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between Messer

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(hereinafter referred to as the contractor of the one part and the Corporation of the
City of Chennai (hereinafter called the department) of the other part.

Whereas the contract has agreed to execute work for the department mentioned in
the specification and schedule attached conditions hereinafter mentioned and whereas
the contractor has deposited with the purchaser the following securities.

NSC / I V P / Certificate

Security deposit amount Rs.

to be forfeited in the event of this failing only and faithfully to perform this his
contract.

Now these present witness that for carrying the said agreement in this behalf into
execution,the contractor and the department to hereby mutually covenant, declare,
contract and following(that is to say).

The terms (contract) shall include these presents and the Tender Schedules and
specification hereto annexed and the specifications, plans and drawings herein and
hereinafter.

7

Signature of the Contractor
Over the Company Seal.

The Term Contractor shall mean the persons, firm or company with whom the order for the work is placed and shall be deemed to include the contractor's successors (if approved by the department) representatives, heirs, executors and administrators unless excluded by the contractor.

The terms "Corporation" shall mean the "Commissioner" or the Council of the Municipal Corporation of the City of Chennai or both acting under the powers vested in them by the Madras City Municipal Act IV of 1919 or any act amending or altering the same.

The terms "Commissioner" shall mean the Commissioner of the Corporation.

The term "Electrical Engineer" shall mean the Electrical Engineer of the Corporation of Chennai for the time being.

TERMS AND CONDITIONS OF THIS CONTRACT

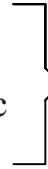
1. The Contractor shall execute the work specified herein.
2. The Electrical Engineer shall be the sole judge upon all matters relating to the meaning and consequence of the specification and conditions of this contract.
3. The materials shall be of the very best quality and shall comply with the conditions and stipulations specified herein. All the materials taken from the contractor shall be inspected by an officer of the Electrical Department not below the rank of an Assistant Divisional Electrical Engineer and the decision of the Electrical Engineer as to quality shall be final and binding on both parties.
4. Time shall be considered as the absence of this contract on the part of the contractor and in case the contractor shall fail to complete the work under this contract within the time specified or within the time to which the period of completion may have been extended under the powers herein given, or if in the opinion of the Electrical Engineer the Contractor shall not be carrying out work at such a rate as will ensure completion of work within the time given, it shall as will ensure completion of work within the given, it shall be lawful for the Commissioner of the Corporation of Chennai without prejudice to his remedy contained in clause 10 to obtain the un-executed portion of the work from any other person or persons and any additional expense so incurred shall be payable by the Contractor.
5. If at any time during the continuance of this agreement the contractor shall in the opinion of the Electrical Engineer have been delayed in execution any work ordered by reason of any lockouts strikes, riots, mutinies, wars, fire, storms, tempest or other un-expected exceptional causes, the time for execution may be extended by the Electrical Engineer as he may consider reasonable.

6. All expenses, damages and other moneys payable to the Corporation by the Contractor under any stipulations in this contract may be retained out of any moneys then due to which may subsequently become due from the Corporation to the Contractor under this or any other contract and in case such moneys then due or to become due to the contractor by the Corporation shall be insufficient to pay such said expenses, damages and moneys it shall be lawful for the Commissioner of the Corporation to sell and dispose of any or all of the securities deposited by the contractor and out of proceeds of such sale to reimburse and pay to the department all the said expenses, damages and moneys and in case such proceeds of sale of the said securities shall be insufficient, then it shall also be lawful for the department to recover the residue of the said expenses, damages and moneys, if necessary by legal proceedings against the contract.
7. The Contractor shall submit bills to the Electrical Engineer for payments and when the Electrical Engineer shall direct.
8. The Contractor shall be paid for the work at the rates given herein on certificates of the Electrical Engineer that the work have been executed to his entire satisfaction.
9. The contract shall not be assignable by the Contractor.
10. In case the contractor shall fail or neglect or refuse to observe, perform, fulfill and keep all or any one or more or any part of any one or more of the covenants, stipulations and provisions herein contained it shall be lawful for the Commissioner of the Corporation of Chennai without prejudice and in addition to all the any every other of the remedies herein before contained on behalf of the department on any such failure neglect or refusal as aforesaid by writing under his hand to put an end of this agreement and on the expiry of seven days from the date of service of the said writing this agreement shall cease and be void except in respect of any prior action or omission.
11. Penalty Clause : If the contractor fails to complete the work within the specified period, penalty will be imposed at the rate of 0.1% of the contract value of such portion of work which have not been executed on the specified period for each day of delay and such penalty shall not exceed 5% of the contract value in any case.
12. All certificates or notices of orders for time or for extra varied or altered works which are to be the subject of an extra or varied charge whether so described in the contractor or not shall be in writing and unless in writing shall not be valid or binding or be any effect whatsoever.
13. Retention Amount : at 5% of the work bill value will be withheld to return along with the security deposit, after satisfactory completion and handing over the entire work.

In witness where of the contractor Messers

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and the Commissioner, Corporation of Chennai acting for and be behalf of the Corporation of Chennai and under the direction of the Corporation of Chennai have not their hands the day and the year first above written.

Signed by the said contractor in the presence of Electrical Engineer, in case of local contractors & in the notary public in case of outstation XXXX contractor.



Signature of Contractor with company seal

Electrical Engineer /
Corporation of Chennai

The Common Seal of the Corporation of the City of Chennai was here unto duty affixed in the presence of

Commissioner
Corporation of Chennai

In Witness where of I here unto affix my signature

GENERAL CONDITIONS OF THE CONTRACT :

1 (a) The work should be commenced within 7 days of awarding the contract and after execution of necessary agreement and after be completed within a reasonable period. Once the work is commenced there should not be stoppage of work except for weekly off and other reasons beyond his control.

(b) The service of the contract should be available in demand at any time of day on holidays or working days.

2. The work should be carried out strictly according to the specification.

3. In case of abnormal delay in executing the work and also not doing the work according to the specification the Commissioner, Corporation of Chennai reserves the right to terminate the agreement and to take up the work either departmentally or through some other agencies. He will also have the right of the reduce the rate of this discretion, if the standard specification of worth has not been followed by the contractor.

4. The responsibility of accident to any employees of the contractor will only rest with him. The contractor should also execute an indemnify bond on stamp paper indemnifying the department from the liability for any accident to the man employed by the contractor and also damaged caused to other services such as P & T cables, street light cables, sewerage mains and water mains of chennai corporation and M.E.S. cables TNEB.

5. The contractor shall be held responsible for the loss or damages to the department materials tools and plants etc. during the execution of the works and the cost of such loss or damages will be recovered from the contractor.

6. The work will be carried out under the immediate supervision of the staff of our department not below the rank Junior Engineer.

7. The contractor shall acknowledge the receipt of various materials handedover to him by this department at the time of transporting from stores etc., it is responsibility of the contractor to provide watch and ward staff for the materials transported and handed over to the contractor will the work is completed in all respects.

8. The entire route of the proposed erection of street lamp posts and proposed cable laying work will be given to the contractor and treated as site for all purpose.

9. The contractor should make his own arrangements for providing red flags during daytime with caution boards and danger lights during night to the satisfaction of the trafficdepartment.

10. The contractor will be held responsible in case of any theft or loss at the site or during transport by the contractor including departmental supply of materials.

11. The contractor will be authorized and deputed their supervisors and present at the time ofexecuted work at site.

12. This department will get clearance from the various other departments for cutting the roads / streets / pavement surface. The contractor shall be responsible for causing un-necessary damages and cuts on the roads / streets / pavement surface.

TERMS AND CONDITIONS :

1. Rate shall be quoted both in WORDS & FIGURE
2. If difference between words and figures rate, the lower rate will only be taken into consideration.
3. An Insurance Policy, shall be taken to cover Workmen Compensation ACT
4. An Indemnity Bond shall be executed by the successful contractor indemnifying the corporation of chennai from any claim which may arise due to any accident to the workmen engaged for the work or other damages.
5. Execution period : **FOUR MONTHS**
6. Departmental supply of materials : 6mt lamp post with st bracket, necessary fittings
7. Contractor supply of materials : All other materials required for the work shall be supplied and utilised by the contractor except departmental supply of materials.
8. Sample : A sample tin of paint to be used for the painting of lamp post shall be produced to the concerned Asst. Divisional Engineer and to get approval before execution of agreement.
9. Agreement : Shall be executed by the successful contractor within 7 days on receipt of contractor work order along with 2% security deposit.
10. Manual Workers General Welfare Fund : In the event of an order placed, the successful contractor has to pay 0.3% of the sanctioned estimated cost.
11. Security deposit : In the event of an order placed, the successful contractor has to pay an amount at 2% of the order value in the form of NSC / Scripts and pledged in favour of Commissioner, Corporation of Chennai.
12. Income tax Deduction : at 2% plus 12% S.C. on IT and 2% Education cess on I. T. and S.C will be deducted from the work bill value for crediting into the Central Govt.
13. Ladder for painting of street lamp post shall be contractor responsibility.
14. Transportation : Carting of all the materials required for the work shall be of contractor responsibility.
15. Penalty Clause : If the contractor fails to complete the work within specified period, penalty will be imposed at the rate 0.1% of the contract value of such portion of work which have not been executed on the specified period for each day of delay and such penalty shall not exceed 5% of the contract value in any case.
16. Sale tax deduction : at 4% will be made by the department from the

work bill value during the payment to the contractor for crediting into the A/c. of Assessing Officer concerned under 7F for deduction of Tax at source TNGST Act 1959 and Tamilnadu Act 15 of 1999.

17. Retention Amount : at 5% from the work bill value will be with held for release with security deposit soon after satisfaction of entire work.

18. Payment : Will be made after completion of work as per the measurement recorded in our departmental M' Book.

19. B' Grade Contractor 's Licence : In original issued by the Electrical Inspector, to Govt. Govt. of Tamilnadu shall be produced the Asst. Divisional Engineer, concerned before commencing the work for verification

20. Execution of work : After execution of agreement, the successful contractor has to be contacted the concerned ADE of this department. The materials for the work to be supplied / utilised only after ascertaining by the concerned ADE of this department.

21. For Electrification work, the work shall be carried out in accordance with the PWD standard. The materials such as PVC pipes, PVC wires of all sizes, U. G. Cable, 5 Amp / 15 Amp switches, 5 Amp / 15 Amp switch controlled socket, D. P. / TPIC switches of all ratings, ceiling fans etc. shall be supplied and utilised by the contractor with ISI mark.

All other materials which are not bearing ISI mark should be got approved by the B concerned ADE of this department before commencement of work.

22. Rates should be quoted both in words and figures : If difference between words and figures rate, the lower rate only will be taken into consideration.

23. Everyday after completion of work, the excavated earth and debris have to be removed from the road / platform portion by the contractor and dumped in a place with concurrence of the site Engineer.

24. Carting of all the materials required for the work including departmental supply of all the materials shall be of contractor's responsibility.

25. Depending on the site condition, contractor will be informed that they may have to execute the work during restricted hours.

26. The contractor is solely responsible for the safety of all the materials before or after installation including departmental supply of materials. Only after handing over of the installation in a proper manner, the Corporation will take the responsible. If any dispute arises in this regard, the decision of Superintending Engineer / Electrical will be final.

27. "No Advance Payment will be made"

28. Excise duty, Sales Tax etc. shall be clearly indicated in the offer. If there is no mentioned all out excise duty and Sales Tax the same will be construed that the rate quoted are inclusive of Excise duties, sales tax etc.

29. For supply portion 80% payment will be made after supply and acceptance of the materials and Balance 20% will be made only after completion of work.

30. For supply of cables by the contractor, sample bit of cable has to be tested at Electrical Department, Corporation of Chennai by our cable testing equipment. The supply of cables will be accepted only after receipt of satisfactory test report.

31. If the total amount offered by the contractor is lesser than departmental contract value mentioned in the Tender Notice, the following additional security deposit should be paid and enclosed along with the tender in the form of demand draft drawn in favour of the Commissioner, Corporation of Chennai. The tender without such additional security deposit will be summarily rejected.

1. No additional security deposit need to be paid if the contractor tender amount is lesser than below 5%

2. If the contractor tender amount is lesser than 5% to 15% ,

The additional security deposit at 2% of the departmental total contract value should be paid along with the tender.

3. If the contractor tender amount is lesser than 15% to 20% and above ;

The additional security deposit should be paid along with the tender for 50% of the difference between total departmental contract value and the contractor tender amount.

32. Excavation of L.T cable Trench of size 45 cm wide and 75 cm deep shall be made in all kind of soil . The trench shall be straight and fall in line with the contour of the road or street. If the cable could not be laid 75 cm deep , payment will be made on prorate basis.

**CORPORATION OF CHENNAI
ELECTRICAL DEPARTMENT**

Technical Specification

TENDER: Supply and installation of 3 nos 6mt 32 nos of 9.2mt and installation
of 66 nos 6nt post lamp post in Z-VII

S. No	DESCRIPTION OF WORK	QTY.	UNIT RATE Rs.
1.	<p>Cost of supply of ISI marked 9.2 mtr long swaged M.S street lamp post of three section with M.S. STRAIGHT SINGLE BRACKETS as per the following specification and Painting with one coat of Redoxide.</p> <p>POLE SIZE: 9.2 mtr long M.S pole Bottom Section:3.8Mtr.long139.7mmODx4.85mm thick Middle section:2.7Mtr.long x 114.3mm ODx4.5mm thick [3-(0.3 mtr swaged depth) = 2.7mtr] Top Section:2.7mt longx88.9mmODX3.25 mm thick(2.93-0.230mt=2.25mtSwaging depth Top Section:2.25mt longx88.9mmODX3.25 mm thick(2.48-0.230=2.25(swage depth) Swaging depth:Middle section 300mm,top section 230mm BASE PLATE:400mmx400mm squarex16mmthick M S plate FUSE BOX : 4 core SMC fuse box with fuse unit and suitable gland as our departmental specification Earth coil: made of 8 swg GI wire of 11.5 mtr length SINGLE STRAIGHT BRACKET COMPLETE WITH COLLAR, CANTILEVER AND POLE CAP : M.S BRACKET PIPE :1No. x 60.3 mm O D X 3.65 mm thick 2 mtr length M.S COLLAR PIPE: 1No. x 350 mm length X 114.3 mm O D X 3.65 mm thick with M.S Pole Cap of 3 mm thick</p>	32nos.	

S. No	DESCRIPTION OF WORK	QTY.	UNIT RATE Rs.
	M.S CANTILEVER : 1Nos of Triangle Shaped cantilever of size 100 mm Height (at collar side),500 mm Length (bracket side) x 3 mm thick made of M.S sheet welded to the collar and bracket pipe.		
2.	Cost of supply of 2 core fuse box and earth coil	63nos	
3.	Cost of supply of earth coil	3nos	
4.	Cost of supply of ISI marked 6 mtr. long mild steel street Lamp post with M.S. ARCH single brackets as per the following specification and Painting with one coat of Redoxide.. Pole size : 6 mtr long M S pole x 88.9 mm OD x 4.05 mm thick. Base plate :250mm x 250mm square x 16mm thick M S plate with necessary stiffeners. Fuse Box : 4 core SMC fuse box with fuse unit and suitable gland as our departmental specification Earth coil : made of 8 swg GI wire of 11.5mtr length SINGLE ARCH BRACKET COMPLETE WITH COLLAR, : 1. MS BRACKET PIPE: 1 No. x 60.3 mm O.D X 3.65 mm thick X 2.7 mtr. Length 2. MS COLLAR PIPE: 1 No. x 300 mm length X 114.3 mm O.D X 3.65mm thick with MS pole cap of 3 mm thick	5 nos	
5.	Cost of supply of ISI marked 4x25 sq.mm., PVC, armoured, aluminium, underground cable as per our departmental specification. The cable must be supplied in non-returnable wooden drum	311 Mtr.	
6.	Cost of supply of ISI marked 2x25 sq.mm., PVC, armoured, aluminium, underground cable as per our departmental specification. The cable must be supplied in non-returnable wooden drum	1788 Mtr.	

S. No	DESCRIPTION OF WORK	QTY.	UNIT RATE Rs.
7.	Cost of supply of 50mm dia (2") X 2.8mm thick rigid HDPE Pipe with required coupler suitable for 50 mm dia HDPE. Pipe	1455 mt	
8.	Cost of supply of 4" dia reinforced concrete Hume pipe.	116 mt	
9.	Cost of supply of SMC Loop pillar box of overall dimension of 420MM x 270MM x 180MM with 4MM wall thickness with SMC Mounting panel, 3 or 4 Nos. of suitable glands for In and Out cable entry as per the site requirement with Mounting brackets as per our departmental specification and sketch.	5 nos	
10	Cost of supply of "KIOSK" pillar box with ISI marked 100 AMP TPN switch of rewirable porcelain fuse units of reputed make with 2 Nos. of 2.5mtr length x 42.4mm OD x 3.25mm thick each Galvanized Iron earth pipe with Hot dipped Hexagonal GI bolt, nut and washer , 3 Nos. ISI marked 100AMP porcelain fuse units, 100AMP Neutral Link, 9 Nos. of Hexagonal porcelain insulator, Internal Wiring from 100A Fuse units , 100A TPN to RYB and Neutral aluminium bus bar with 12 Mtrs. of 7/16 PVC unsheathed copper wire, 3 Nos. Bare Aluminium Bus Bar of size 40MM x 10MM for 3 phases and 1 No. Bore aluminium Bus bar of size 25MM x 10MM for neutral ,KIOSK pillar shall be painted with one coat of red oxide and Two coats of aluminium paint as per our departmental specification and sketch ."C.C "/ செ.மா shall be Embossed and also letter painting in red colour shall be written as " DANGER -- 440Volt & அபாயம் -- 440 வோல்ட் in English and Tamil on all the four doors of the pillar box Pillar box size: 1200mm x 900mm x 350mm made of 14 Gauge M.S. sheet	1 nos	
11	<u>II.EXECUTION PORTION</u> Cost of erection of 9.2 mtr long street lamp post including fixing of SINGLE STRAIGHT BRACKET ,fuse box, luminaries, 4 core Termination of cables in the fuse box, earthing with earth coil ,clamping of	32 nos	

S. No	DESCRIPTION OF WORK	QTY.	UNIT RATE Rs.
	<p>IN OUT cables, painting with two coats of aluminium paint including cost of aluminium paint with special concrete pedestal and foundation including cement, jelly, sand etc., required for the required for the work with supply of the following materials as per our departmental specification & sketch.</p> <p>1..M.S foundation anchor rod 4 Nos. with thread of size 24mm dia and 800 mm long (600+125 mm + 75 mm from curved portion at one end)</p> <p>2..Suitable Hexagonal Nuts and washers – 8 Nos.</p> <p>3. HDPE pipe 50 mm OD X2.8 mm THICK X 3 mt LONG</p> <p>(FOR straight BRACKET WITH 4 CORE TERMINATION OF CABLES).</p>		
	<p>Cost of Erection of 6 mtr Long street lamp post including fixing of SINGLE STRAIGHT BRACKET , fuse box , Luminaries, 2 core Termination of cables in the fuse box, earthing with earth coils clamping of In & Out cables , painting with two coats of aluminium paint including cost of aluminium paint with special concrete pedestal and foundation including cement, jelly, sand etc. required for the work with supply of the following materials as per our departmental specification & sketch .</p> <p>1. M. S. foundation anchor rod 4 Nos. with threads of size 24 mm dia and 650 mm long (575mm + 75 mm from curved portion at one end)</p> <p>2. Suitable Hexagonal Nuts and washers – 8 Nos.</p> <p>3. HDPE pipe 50 mm OD X2.8 mm THICK X 3 mt LONG</p> <p>(FOR STRAIGHT BRACKET WITH 2 CORE TERMINATION OF CABLES).</p>	66 nos	
	<p>Cost of Erection of 6 mtr Long street lamp post including fixing of SINGLE arch BRACKET , fuse box , Luminaries, 4 core Termination of cables in the fuse box, earthing</p>	5 nos	

S. No	DESCRIPTION OF WORK	QTY.	UNIT RATE Rs.
	<p>with earth coils clamping of In & Out cables , painting with two coats of aluminium paint including cost of aluminium paint with special concrete pedestal and foundation including cement, jelly, sand etc. required for the work with supply of the following materials as per our departmental specification & sketch .</p> <p>1. M. S. foundation anchor rod 4 Nos. with threads of size 24 mm dia and 650 mm long (575mm + 75 mm from curved portion at one end)</p> <p>2. Suitable Hexagonal Nuts and washers – 8 Nos.</p> <p>4. HDPE pipe 50 mm OD X2.8 mm THICK X 3 mt LONG (FOR ARCH BRACKET WITH 4 CORE TERMINATION OF CABLES).</p>		
	<p>COST OF PLAIN CEMENT CONCRETE COPING PEDESTAL FOR 6MT LAMP POST</p> <p>Tropes ion shaped plain cement concrete coping pedestal of following size Bottom : 300mm square Top : 140mm square Bottom to Top height: 265mm Top portion shall be slightly slanted to avoid stagnation of Rainwater P.C.C - 1:2:4 (CEMENT: RIVER SAND :10mm JELLY)</p>	71 nos	
	<p>COST OF PLAIN CEMENT CONCRETE COPING PEDESTAL FOR 9.2 MT LAMP POST</p> <p>Tropes ion shaped plain cement concrete coping pedestal of following size Bottom : 450mm square Top : 190mm square Bottom to Top height: 280mm Top portion shall be slightly slanted to avoid stagnation of Rainwater P.C.C - 1:2:4 (CEMENT: RIVER SAND :10mm JELLY)</p>	32 nos	
12	<p>Cost of Laying of 2 / 4 core x 25 sq.mm. aluminium underground cable through HDPE Pipe including carting of HDPE Pipe and Cable with refilling of excavated earth as</p>	1455 mt	

S. No	DESCRIPTION OF WORK	QTY.	UNIT RATE Rs.
	per our departmental specification. (Trench size 45 cm. width x 75cm depth)		
13	Cutting of Road, excavation of earth, laying of Hume pipe, drawl of cable through Hume pipe and refilling and excavated earth including carting of Hume pipe. (Road cutting by Manual)	94 mt	
14	Cutting of Road, excavation of earth, laying of Hume pipe, drawl of cable through Hume pipe thro' cement road and refilling and excavated earth including carting of Hume pipe. (Road cutting by Machine)	22 mt	
15	Disconnection of cable and Removal of 9.5/11 Mtr. Long street lamp post by removal of bracket, fittings, excavation of pit, Breaking of pedestal and foundation, Lifting and removal of Street Lamp post, closing of pit by excavated earth and rammed properly, removal of surplus earth including carting of street lamp posts and the accessories to the concerned stores.	88 nos	
16	Cost of fixing and termination of SMC loop pillar box	5 nos	
17	Cost of Erection of "KIOSK" pillar box including fixing 2 Nos. of earth electrodes with earth wires, including Masonry work with supply of cement, jelly, sand etc. including fixing of all the cables with Termination with pillar box including supply of required suitable Lugs, bolts, nuts and washers as per our departmental specification. (The crimping tool for the Termination of cables shall be of contractor responsibility).	1 nos	

Sd....
ADE / I&P

Sd...
DEE / C

From

To

Sirs,

Sub : Tender

* * * * *

I have tendered for the above contract enclosing E.M.D. for Rs.
Drawn in Bank

Dated :

In case my tender is not considered, the E.M.D. furnished may be refunded to me.
I give below my advance receipt for the amount duly stamped.

Yours faithfully,

(Signature of Tenderer)

ADVANCE STAMPED RECEIPT

Received from the Commissioner, Corporation of Chennai, Rs.

(Rupees)

towards the refund of E.M.D. furnished by me with my tender for

remitted in Challan No.

Dated :

Signature of the Tenderer

UNDER SEAL OVER REVENUE STAMP

Recommendation of the heads of departments.

Signature & Designations