

DELHI ELECTRICITY REGULATORY COMMISSIONTENDER DOCUMENTJune 2019

Tender No. F.2(132)/Estt./DERC/2019-20

Name of work: **Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises.**

Complete bid document which includes Notice Inviting Tender, General Terms & Conditions & Technical Bid, Financial Bid, Single Line Diagram for Porta Cabin & Parking Shed, and Bank Guarantee Formats etc. can be downloaded from DERC website: www.derc.gov.in. Any amendment(s)/ corrigendum / clarifications with respect to this Bid shall be uploaded on above websites only. The Bidder should regularly follow up for any Amendment / Corrigendum / Clarification on the above website.

Sub: Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises.

Dear Sir/Madam,

1. The Commission intends to carry out the work of Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises.
2. The **Notice Inviting tender** is enclosed at **Annexure 1**
3. The **General Terms & Conditions** are enclosed at **Annexure 2**
4. The **Technical Bid** to be submitted on the letter head of the Bidder in sealed cover format provided at **Annexure- 3**
5. The **Financial Bid** to be submitted on the letter head of the Bidder in sealed cover as per schedule of requirement enclosed at **Annexure 4**
6. Format of "*Performance Bank Guarantee*" (PBG) is enclosed at **Annexure 5**
7. The last date and time of receipt of tender is **27.06.2019** at **1500 Hrs.**
8. Tender received after stipulated date and time will not be considered. The bids received within the stipulated date and time will be opened by DERC on the same day i.e., **27.06.2019** at **1600 Hrs.**

(Mahesh Bhatt)
Executive Assistant

Annexure-1

Notice Inviting Tender Sheet		
Tender No :	F.2(132)/Estt./DERC/2019-20	
Organization Name :	DELHI ELECTRICITY REGULATORY COMMISSION	
Contact Details	Official's Name	Mahesh Bhatt, Executive Assistant
	Address	O/o the Secretary ,DERC , Viniyamak Bhawan, C -Block, Shivalik, Malviya Nagar, New Delhi -110017 PH : 011-26673608/41080417
	City	New Delhi
Name of Work :	Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises.	
Mode of Tender Submission :	Sealed bid	
Tender Type :	Open	
Type of Contract:	Works	
Last date & time of submission of tender document :	27.06.2019 at 15.00 hrs	
Date & time of opening of tender document :	27.06.2019 at 16.00 hrs	
Base Currency :	INR	
Payment Details		
EMD Amount (INR):	Rs. 63,000/-	
Bid Validity Period (Days):	90 Days	
Project Duration :	03 Months	
Eligibility Criteria :	1. The bidders who are incorporated legal entity (Company)/ Firm/Agency/ Proprietary (except joint venture) 2. Bidder should be an enlisted contractor in Civil/Electrical category by any department/company of Central Government/ State Government or by a PSU. 3. Average annual financial turnover of the Bidder during the last three years, ending 31st March 2019 should be Rs. 30 Lakhs. 4. The Bidder should have experience as below of having successfully completing similar works in any department of Central Govt. / State Govt. or PSUs during last Five Years ending previous day of last date of submission of tender: a. Three similar completed works each costing not less than Rs.12 Lakhs or b. Two similar completed works each costing not less than Rs.15 Lakhs or c. One similar completed work costing not less than Rs.24 Lakhs (Similar work means: Civil Works like Light Gauge Steel Frame Works) 5. The Bidder should have Goods and Service Tax (GST) registration. 6. The Bidder should either have EPF registration or submit a self declaration that EPF is not applicable to the Bidder, with reasons thereof. 7. The Bidder should either have ESI registration or submit a self declaration that ESI is not applicable to the Bidder, with reasons thereof. 8. The Bidder and/or its electrician should possess a valid Electrical License of appropriate voltage issued by Delhi State.	

	9. The Bidder shall file a self-declaration that they have not been black listed/debarred by any department of Central / State Government/ PSU in last 5 years.
Documents to be submitted :	1. A Power of Attorney duly notarised by the Notary Public, indicating that the person(s) signing the bid has the authority to sign the bid and that the bid is binding upon the Bidder during the full period of its validity. 2. A document showing enlistment of bidder in Civil/Electrical category by any department/company of Central Government/ State Government or by a PSU. 3. A document showing the financial turnover of the Bidder during last 3 years, certified by the CA or copy of the audited balance sheet and profit/loss account for last 3 financial years duly signed by the Auditor. 4. Copy of the Work Order and Completion certificates of works. The works experience shown shall be supported with notarized copy of Work Order/Letter of Award with BOQ. The Bidders shall also submit notarized copy of the following documents to establish the successful completion of the awarded works: a. Bidders shall submit Notarized copy of successful completion certificate issued by purchaser/owner. b. In case Purchaser/Owner issuing experience certificate is non-government entry, the bidders shall also submit Notarized copy of TDS certificate. 5. The completion certificate should be signed by an officer not below the rank of the officer who signed the award letter. 6. Goods and Service Tax (GST) registration letter. 7. Copy of PAN card of the bidder. 8. EPF registration letter/self declaration regarding its non-applicability. 9. ESI registration letter/self declaration regarding its non-applicability. 10. A valid Electrical License of appropriate voltage issued by Delhi State. Note- 1. EMD of the desired amount in the form of Demand Draft in favour of "Secretary, Delhi Electricity Regulatory Commission, New Delhi" and should not have been issued by the bank before the date on which NIT was published on the website. 2. The Bidder shall attach self attested photo copies of the above documents along with his bid. 3. The Bidders furnishing false /fabricated experience certificate /documents shall be debarred from participating in any tenders issued by DERC.

(Mahesh Bhatt)
Executive Assistant

Annexure 2

General Terms & Conditions

1. **Description of Work** Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises.
2. **Earnest Money Deposit.** Bidders are required to submit Earnest Money Deposit (EMD) for an amount of **Rs.63,000/-** along with their bids. However, Bidders registered with Micro Small and Medium Enterprises / National Small Industries Corporation (MSME/NSIC) are exempted from depositing EMD as per the provisions of GFR 181. The EMD is to be submitted in the form of an Account Payee Demand Draft in favour of "*Secretary, Delhi Electricity Regulatory Commission*" payable at New Delhi from any of the Public Sector Banks. The EMD or MSME/NSIC certificate is to be submitted in a separate sealed envelope which shall be opened first. In case, there is no appropriate EMD or MSME/NSIC certificate in that envelope, then the Technical & Financial Bids will not be opened for that Bidder. Bids without EMD will be rejected as incomplete.
3. EMD of the unsuccessful bidders will be returned after the award of the contract. The EMD of the successful bidder would be returned, after receipt of Performance Bank Guarantee/ Fixed Deposit Receipt which should be equivalent to 10% of the contract value.
4. **Manner of depositing the Bids**
 - i. **Bids shall be submitted in three envelopes, namely;**
 - (i) Earnest Money Deposit
 - (ii) Technical bid
 - (iii) Financial bid

The envelopes shall mention name of assignment and content of envelope (Technical Bid/Financial Bid/EMD) at the top, and the name of the submitting bidder at the left hand corner of the envelope. The bids shall be submitted in the enclosed formats only.
 - ii. **These three envelopes shall be sealed in a large envelope. This envelope shall mention name of assignment at the top and the name of the submitting bidder at the left hand corner of the envelope.**
 - iii. Earnest Money Deposit of Rs. 63,000/- (Rupees Sixty Three Thousand only) in the form of Demand Draft in favour of Secretary, DERC, payable at New Delhi, shall be kept in a separate sealed envelope. **In case, separate envelope carrying suitable EMD is not found in the large envelope, technical bid of such bidders shall not be opened.** Any tender not accompanied by acceptable Earnest Money Deposit will be summarily rejected as incomplete.
 - iv. The Technical bid shall comprise of duly filled Annexure-3 along with all enclosures specified at Annexure-3. **In case all the documents in support of eligibility criteria mentioned in Annexure-3 are not found enclosed in the technical bid envelope, the bid shall be summarily rejected as non-responsive and financial bid of such bidders shall not be opened.** All Technical documents like literature, catalogues, etc., if any, shall be placed in the same sealed cover of technical bid. The technical bid shall not indicate particulars of the Financial bids otherwise the bids shall be liable to be rejected.
 - v. Each page of bid should be numbered and signed by the authorized signatory with the seal of the Bidder. Further, any cutting, addition or overwriting on any page of the bid, shall be clearly marked and signed by the authorized signatory.

- vi. A Power of Attorney duly notarised by the Notary Public, indicating that the person(s) signing the bid has the authority to sign the bid and that the bid is binding upon the Bidder during the full period of its validity, shall be submitted.
5. No change in the amount of bid shall be permitted after submission of the bids. All the documents shall be duly signed and stamped by authorized person of bidder/supplier.
6. Sealed Bids should be either dropped in the Tender Box placed at Commission's Reception or sent by registered post at the address of Commission so as to reach on or before by 1500 Hrs on 27.06.2019. Late tenders will not be considered. No responsibility will be taken for postal delay or non-delivery/non-receipt of Bid documents. Bids sent by FAX or E-mail will not be considered.
7. Bidders are advised to visit the O/o DERC to assess the required work and familiarize themselves with the local conditions and the work involved. The Bidders may, accordingly, quote their rates for the required work.
8. **Specifications.** Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises shall strictly be as per the specifications stated in BOQ of Financial Bid (Annexure-4).
9. **Time and date for opening of Bids.** The bids will be opened on **27.06.2019 at 1600 Hrs.** If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/time, as intimated by DERC. The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids. This event will not be postponed due to non-presence of representative of the bidder.
10. **Rejection of Bids.** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction, unsigned bids shall be summarily rejected and may lead to forfeiture of EMD. Conditional/part tenders will also be rejected.
11. **Validity of Bids.** The prices quoted in the Bids shall remain valid for **90 days** from the last date of submission of the Bids.
12. **Bid Tender amount, Taxes and Duties.** The Bidder shall quote separately, the base price of Goods & services, and applicable taxes & duties. The evaluation of the Financial Bids will be based on the total price, i.e., base price + Taxes. The base price of Goods & services shall be firm and final. No escalation whatsoever shall be payable on base price. The applicable taxes and duties shall be paid as per actual.
13. **Warranty/Guarantee Period.** The period of Warranty/Guarantee of the works shall be 1 year after successful completion of work.
14. The successful bidder shall sign an agreement within 10 days from the issuance of Work Order/Award Letter by the Commission and also simultaneously furnish a "Performance Bank Guarantee" of 10% (Ten percent) of the Contract value in form of Bank Guarantee/Fixed Deposit Receipt in favour of "Secretary,

Delhi Electricity Regulatory Commission", to be valid for a period of atleast 12 months from the handover and acceptance of the completed works. In case, the successful bidder fails to furnish the desired "Performance Bank Guarantee" within 10 days from the issuance of the Work Order/Award Letter, the Commission reserves the right to terminate the Contract.

15. **Indemnity Bond.** The successful Bidder shall submit an indemnity bond, indemnifying DERC from the following, on a stamp paper of Rs. 100 duly signed by the authorized signatory within 10 days from the date of work order, and before commencement of work at site:

- (a) Any third party claims, civil or criminal complaints /liabilities, site mishaps, fire hazards & other accidents including death of any person/s or dispute and /or damages occurring, or arising out of any mishaps at site due to his/his employee/representative fault or negligence.
- (b) All claims, demands, actions, proceedings, losses, damages, liabilities, cost, charges, expenses or obligations that are occasioned to or may occasion to the Contractor as a result of nonpayment of any statutory dues levied/Taxes e.g. leviable on the Contractor or the Contractor committing breach of any of the rules, regulations, orders, directives, instructions that may be issued by any authority under the Central Government/State Govt. or any statute or law for the time being in force.
- (c) Any damages, loss, death or expenses due to or resulting from any negligence or breach of duty on his/his employee/representative part.

16. **Terms of Work Order.**

- (a) The successful bidder shall have to complete the works within 3 months from the date of Work Order unless the period is extended by mutual agreement.
- (b) The Material used in the works must be in brand new condition. Old/sub-standard/re-used/ open seal Material will be returned and vendor will have to replace such material on his own expenses.

17. **Quantity Variation** The quantities shown against the various items of works are approximate. Quantities of individual items may vary based on the requirement of the completion of the work. However, overall quantities variation shall be $\pm 30\%$. Any increase or decrease in the quantities beyond this shall not form the basis for alteration of the rates quoted and accepted. Payment shall be made on the basis of actual quantities executed.

18. **Price Variation.** It is a firm price contract and No escalation is allowed.

19. **Payment terms.**

- (a) Running Account bills shall be submitted by the Contractor on monthly basis for the work executed.
- (b) 75% of the payment will be made on the submission running accounts bills/
- (c) Balance 25% payment will be made after successful installation & commissioning of the subject work.
- (d) The invoice shall be raised in favor of "*Secretary, Delhi Electricity Regulatory Commission*".
- (e) Payment will be released through RTGS/NEFT/IMPS in the name of Contractor.
- (f) Payment shall be made after the deduction of applicable taxes at source.

20. **Liquidated Damages.** The works of Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises mentioned in BOQ shall be completed within the time schedule as indicated herewith. The Contractor shall be liable to pay liquidated damages as compensation for an amount equal to 0.25 % of the contract price of the entire work for every day's delay but not exceeding 10% on the total value of the order.
21. **Termination of Contract.** The Commission shall have the right to terminate this Contract in part or in full in any of the following cases, if:-
- (a) The work is delayed for more than 15 days beyond the scheduled date indicated in the Work Order, for reasons attributable to the Contractor.
 - (b) The Contractor is declared bankrupt or becomes insolvent.
 - (c) For any other reasons which in the opinion of Commission warrants cancellation of contract award.
22. In case the successful bidder fails to fulfill its obligations upto Warranty/Guarantee period, the Commission would be entitled to forfeit the Performance Bank Guarantee furnished by them.
23. Electricity & Water for erection, commissioning and testing of equipment shall be provided by Commission free of cost. However, Commission does not guarantee the continuity of supply and no compensation whatsoever shall be allowed on this account.
24. The work shall be carried out by the Contractor in a manner complying in all respect with the requirement of relevant bye-laws/orders of the Local/Municipal bodies and pay all fees and charges which may be leviable at his own cost. Wherever local bye-laws require engagement of licensed Plumbers/Electrical inspectors or any other specialized persons, the Contractor shall engage them at his own cost. The completion certificates, wherever applicable, to meet the statutory obligations, shall be arranged by the Contractor.
25. The Contractor shall provide, at his own cost, all materials, plants, tools, equipments, appliances, implements, Ladder, cordages, tackle, scaffolding and temporary works, required for proper execution of the work, whether original, altered or substituted and whether included in the specifications or other documents forming part of the contract or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the DERC as to any matter under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage thereof to and from the work. The Contractor shall deploy without charge the requisite personnel with means and materials, necessary for the purpose of setting out the works, counting, weighting, and assisting in measurements or examination of the work from time to time.
26. The sealed proposal should be submitted to the following address:-
- The Secretary,**
Delhi Electricity Regulatory Commission,
Viniyamak Bhawan, C-Block, Shivalik,
Malviya Nagar, New Delhi-110017.
Ph. No.: 011-26673608, 41080417
27. DERC reserves the right to accept or reject any/all proposals without assigning any reason or incurring any liability whatsoever.

(Mahesh Bhatt)
Executive Assistant

Annexure-3**TECHNICAL BID****(In the letter head of Bidder)**

1.	Full name of the Agency	
2.	Complete Address	
3.	Name of Proprietor / Partners / Directors	
4.	Contact Number	Office : Residence
5.	Commercial Registration Number (enclose proof)	
6.	PAN Number, (attach copy of PAN Card)	
7.	GST Number (enclose a copy)	
8.	Turn Over of last 3 financial years i.e., FY 2018-19, FY 2017-18 & FY 2016-17 (enclose CA certificates)	
9.	Bank Account Details	
10.	EPF & ESI registration (enclose proof)	
11.	Electrical license of appropriate voltage valid till date issued by Delhi State (enclose copy)	

Declaration:

I/We hereby declare the I/We have read & understood all the terms & conditions mentioned in the Tender inviting letter and I/We undertake myself/ourselves to abide by them. I/We further, declare that all the information given above is true.

I further declare that my/our Firm has never been blacklisted / debarred by any department of Central / State Government/ PSU in last 5years.

Enclosures with technical bid:

- a) *A Power of Attorney duly notarised by the Notary Public, indicating that the person(s) signing the bid has the authority to sign the bid and that the bid is binding upon the Bidder during the full period of its validity.*
- b) *CA certificate in support of last three years turnover.*
- c) *Copy of valid Goods & Service Tax of Delhi state.*
- d) *EPF registration letter/self declaration regarding its non-applicability.*
- e) *ESI registration letter/self declaration regarding its non-applicability.*
- f) *Copy of PAN card.*
- g) *Document showing enlistment in any department/company of Central/ State Government/ PSU in Civil/Electrical category.*
- h) *Completion certificates of similar works.*
- i) *Valid Electrical license of appropriate voltage issued by Delhi State.*

(Signature of Bidder)

Place :

Name

Date:

Designation

Signature of Authorized signatory

FINANCIAL BID**(In the letter head of Bidder)****Construction of Porta Cabins at Ground floor, Dismantling and
Reconstruction of Car Parking shed in DERC Premises.**

To,

The Secretary,
DERC, New Delhi.

Sir,

1. I/We have read and understood the contents of the Tender and agree to abide by the terms and conditions of this Tender.
2. I/We also confirm that in the event of my/our tender being accepted, I/we hereby undertake to furnish applicable Performance Bank Guarantee for obtaining the Work Order.
3. I/We further undertake that none of the Proprietor/Partners/Directors of the firm was or has been blacklisted / debarred by any department of Central / State Government/ PSU in last 5years, nor any criminal case registered against them / the firm. I/We further undertake to report to Secretary DERC, New Delhi immediately if any such action is taken in future against the Firm / Proprietor / Partners / Directors.
4. Financial Bid - Construction of Porta Cabins at Ground floor, Dismantling and Reconstruction of Car Parking shed in DERC Premises.

Financial Bid Form: Schedule of work

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
1	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	kg	1550.00		
2	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of PVC sheet	Sqm	112.00		
3	Earth work in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m: All kinds of soil	cum	0.85		
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-Charge: Nominal concrete 1:4:8	cum	0.28		
5	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Labour rate only	Kg	1550.00		
6	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	257.49		
7	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required : 1.00mm thick with zinc coating not less than 275 gm/m ²	Sqm	200.00		
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering -All work up to plinth level : 1:2:4 (1 cement: 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	Cum	12.20		
9	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing grey cement slurry @ 3.3	Sqm	122.68		

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
	kg/sqm including grouting the joints with white cement and matching pigments etc., complete : Size of Tile 600X600mm				
10	Designing, providing, installing and fixing factory finished custom designed cold form Light Gauge Steel Framed super structure comprising of steel wall panel, trusses, purlins etc manufactured out of minimum 0.75 mm thick steel sheet as per design requirements. The steel sheet shall be galvanized (AZ-150 gms Aluminium Zinc Alloy coated steel having minimum yield strength 300- 550 Mpa) conforming to AISI specifications and IBC 2009 for cold formed steel framing and construction and also as per IS: 875- 1987, ISO 800-1984 and IS: 801- 1975. The wind load shall be as per provisions of IS 875 (part -III). LGSFS frame shall be designed as per IS: 801 using commercially available software such as Frame CAD Pro-11.7/ STAAD PRO-V8i/ArchitekV2.5.16/ Revit architecture- 2011 or equivalent. Proper usage of Connection Accessories like Heavy Duty Tension Ties, Light Duty Hold-ons, Twist Straps (to connect truss with wall frames), Strong Tie, Tie Rod, H-Brackets, Boxing Sections, L-Shaped Angles for better structural stability. The framing section shall be cold form C-type having minimum web depth 89 mm x 39mm flange x 11mm lip in required length as per structural design requirement duly punched with dimple/slot at required locations as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250mm away from both ends of the member. The frame can be supplied in panelized or knock down condition in specific dimensions and fastened with screws extending through the steel beyond by minimum of three exposed threads. All self drilling tapping screws for joining the members shall have a Type II coating in accordance with ASTM B633(13) or equivalent corrosion protection of gauge 10 & 12, TPI 16 & 8 of length 20mm. The frames shall be fixed to RCC slab or Tie beam over Neoprene rubber using self expanding carbon steel anchor bolt of dia as per approved drawings. design subject to minimum 12mm diameter and 121mm length conforming to AISI 304 and 316 at 500mm c/c with minimum embedment of 100mm in RCC (RCC to be paid separately) and located not more than 300mm from corners or termination of bottom tracks complete in all respects. The item also includes the submission of stability reports duly examined and issued by any NIT/IIT. The rate includes the concept design, detailed design, fabrication of sections, transportation, installation and all required fixing arrangement at site as described above.	Kg	4208.00		
11	Providing and fixing of external wall system on Light gauge steel frame work with Outer face having 6mm	Sqm	131.00		

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
	thick heavy duty fiber cement board fixed on 9mm thick heavy duty fiber cement board confirming to IS 14862:2000, category IV type A (High pressure steam cured) as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick of 8 to 10 gauge of length varying from 25 to 45 mm and internal face 12.5mm thick gypsum plaster board fixed on 8mm thick fiber cement board confirming to IS 14862:2000 of category III type B (High pressure steam cured) as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, proper tapping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately).				
12	Providing and fixing in all exterior face panels breathable vapour barrier underneath the cement fiber board as per National Building Code 2009 complete as per direction of Engineer-in-charge.	Sqm	70.00		
13	Providing and fixing thermal insulation with Resin Bonded rock wool conforming to IS: 8183, having density 48 kg/m ³ , 50 mm thick, wrapped in 200 G Virgin Polythene Bags fixed to wall with screws, rawel plug & washers and held in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	Sqm	173.00		
14	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	122.68		
15	Providing and fixing thermal insulation with Resin Bonded Fibre glass wool conforming to IS: 8183. Density 16 kg/m ³ , 50 mm thick, wrapped in 200G Virgin Polythene bags placed over existing false ceiling and held in position by criss-crossing GI wire.	Sqm	159.00		
16	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated				

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
	thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
	i) Flashings/ Aprons.(Upto 600 mm)	Mtr	20.00		
	ii) Gutter (600 mm over all girth)	Mtr	45.00		
17	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.	Sqm	99.00		
	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 ms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.				
18	Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on 8mm thick fiber cement board conforming to IS 14862:2000 of category III type B (High pressure steam cured) as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, Screws shall	Sqm	30.00		

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
	be of counter sunk rib head of 1.60mm to 4 mm thick of 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately)				
19	Supplying and installation of moisture resistant/fire resistant 6 mm thick Heavy duty fiber cement board (High pressure steam cured) conforming to IS 14862:2000 of category III type B as per standard sizes fixed with self-drilling / taping screws. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick of 8 to 10 gauge of length varying from 25 to 45 mm.	Sqm	50.00		
20	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	381.00		
21	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	sqm	159.85		
22	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multichambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Casement window double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension.	sqm	19.00		

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
	(Area of window above 0.75 sqm upto 1.50 sqm).				
23	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :Float glass panes 5.5 mm thick glass panes	sqm	37.00		
24	Providing and Fixing factory made uPVC door frame, made of uPVC extruded sections, of size 65 mm x 55 mm with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws, reinforcing hinge side vertical of the frames with PVC profile of Size 28 mm x 30 mm having wall thickness 2 mm (± 0.2 mm), including providing & fixing 3 nos of 125 mm long stainless steel hinges to the frame, fixing the frame with jamb with required number & size of anchor dash fasteners, all complete as per manufacturer's specification and direction of Engineer-in-charge.	mtr	20.80		
25	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitred cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (+ 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.	sqm	8.40		
26	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes.110 mm diameter	mtr	15.00		
27	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 110 mm bend	each	48		
28	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor	Point	30		

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
	single core cable etc. as required : Group C				
29	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	100.00		
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre	200.00		
30	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required				
	2 x 1.5 sq. mm	Metre	50.00		
	3 x 1.5 sq. mm	Metre	50.00		
	3 x 6 sq. mm	Metre	100.00		
31	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required : 4 Pair	Metre	100.00		
32	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) : 12 way (4 + 36), Double door	each	1		
33	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required : Single pole (32 A- 6 nos, 10 A- 6 nos)	each	12		
34	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required : Upto 35 sq. mm (clamped with 1mm thick saddle)	Metre	20.00		
35	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	each	18		
36	Supplying LED light (Philips, Crompton, Liberty) 600 X 600 mm, 36 Watt, 2800 Luminous	each	18		
37	Supplying 4 X 25 sq mm armoured Copper Conductor Cable (ISI make i.e. Havells/ Poly Cabs)	Metre	20.00		
38	Supplying, installation, testing & commissioning of smoke detector with built in LED and mounting base complete with all connections etc. as required.	each	4		
39	Supplying, installation, testing & commissioning of manual call boxes of MS construction in surface/recess	each	1		

Item No	Item Description	Unit	Quantity	Rate (Rs.)	Amount
	with stainless steel chain & hammer assembly complete with glass and push button etc. as required.				
40	Supplying, installation, testing & commissioning response indicator on surface/recess MS box having two LEDs metallic cover complete with all connections etc. as required.	each	2		
41	Supplying, installation, testing & commissioning fire alarm sounder with facility to make announcement, mounted in M.S. box (16 SWG) with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required.	each	1		
42	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required				
	20 mm	Metre	100.00		
	25 mm	Metre	100.00		
43	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
	5/6 switch	each	8		
	15/16 A switch	each	4		
	3 pin 5/6 A socket outlet	each	4		
	6 pin 15/16 A socket outlet	each	4		
	Telephone socket outlet	each	4		
	TV antenna socket outlet	each	1		
44	Supplying and fixing following size/modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required				
	1 or 2 Module (75 mmX75mm)	each	4		
	3 Module (100mm X 75mm)	each	12		
	4 Module (125mm X 75mm)	each	4		
	6 Module (200mm X 75mm)	each	2		
	8 Module (125mm X 125mm)	each	2		
45	Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required : 200 A TP & N	each	4		
	Total Amount				
	Applicable Taxes				
	Grand Total (inclusive of taxes)				

Total Amount in Words.....

Note : Technical Specification as per the above Bill of Quantities (BOQ).

(Signature of Bidder)

Place :

Name

Annexure-5

BANK GUARANTEE FOR PERFORMANCE SECURITY

(To be stamped in accordance with Stamp Act)

Ref Bank Guarantee No.....

Date.....

To

Delhi Electricity Regulatory Commission
 Viniyamak Bhavan,
 C Block, Shivalik,
 Malviya Nagar
 New Delhi – 110017

Dear Sir,

In consideration of the DERC (hereinafter referred to as the 'Commission', which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) having awarded to M/s _____ (Firm Name) with its Registered/Head Office at _____ (hereinafter referred to as the Firm, which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), a Contract, by issue of Commission's Letter of Award No. _____ dated _____ and the same having been unequivocally accepted by the Firm, resulting into a Contract valued at Rs. _____ for _____ (Scope of Contract) _____ and the firm having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to 10% (ten percent) of the said value of the Contract to the Commission.

We _____ (Name & Address of the Bank), having its Head Office at _____ (hereinafter referred to as the 'Bank', which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the Commission, on demand any and all monies payable by the Firm to the extent of _____ as aforesaid at any time upto _____ @ _____ (days/month/year) _____ without any demur, reservation, contest, recourse or protest and/or without any reference to the Firm. Any such demand made by the Commission on the Bank shall be conclusive and binding notwithstanding any difference between the Commission and the Firm or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Commission and further agrees that the guarantee herein contained shall continue to be enforceable till the Commission discharges this guarantee.

The Commission shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance of the Contract by the Firm. The Commission shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Consultant, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the Commission and the Consultant or any other course or remedy or security available to the Commission. The Bank shall not be relived of its obligations under these presents by any exercise by the Commission of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Commission or any other indulgence shown by the Commission or by any other matters or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.

The Bank also agrees that the Commission at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Consultant and notwithstanding any security or other guarantee that the Commission may have in relation to the Firm's liabilities.

Notwithstanding anything contained hereinabove our liability under this guarantee is restricted to _____ and it shall remain in force upto and including _____* _____ and shall be extended from time to time for such period (not exceeding one year), as may be desired by M/s _____ (Firm Name) on whose behalf this guarantee has been given. In witness whereof the Bank, through its authorized Officer, has set its hand and stamp on this _____ day of _____ 201____ at _____

Witness :

(Signature) (Signature)

(Name) (Name)

(Official address) (Designation with Bank stamp)

(Attorney as per Power of Attorney

No. _____

Dated _____)

NOTE: 1. * This sum shall be ten percent (10%) of the Contract Price.

@ The date will be 12 (twelve) months beyond the completion date of the assignment.

2 The Stamp Paper of appropriate value shall be purchased in the name of guarantee issuing Bank or the Party on whose behalf the BG is being issued. The Bank Guarantee shall be issued on a stamp paper of value as applicable in the State of India from where BG is issued or NCT of Delhi, whichever is higher.

(Signature of Bidder)

Place :

Name