



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-32
FACTORY CIVIL ENGINEERING DEPARTMENT

SCHEDULE- A

PRICE BID

Tender Notice No:

HY/FCD/OT-06/19-20, Dt: 23.04.2019

Item no.: 1

Name of work: Construction of watchtower at New Pipe and plate yard.

| S. No. | Description of the item | Qty | Unit | Rate (₹) | Amount (₹) |
|--------|--|-------|-----------|----------|------------|
| 1 | Fabrication of structural steel work including all materials going into the process of fabrication and forming an integral part of steel work together with all shop and site rivets and electrodes for site welding as necessary and all site connections comprising sag rods, floor beams, girders, bracings, trusses and frame work for fixed false ceiling and for movable false ceiling, purlins with channel / angles, MS flat supports including all connections as per detailed drawings connected steel works etc., cleats, gusset plates, all bolts, nuts, washers, base plates, anchor bolts as per detailed drawings, cutting, welding and painting 2 coats of red-oxide primer before erection etc., complete. The rate shall include painting 2 coat of Red-oxide as per IS specifications and all charges for handling, leading and loading at the fabrication yard. The raw structural steel sections, electrodes, gasses will be issued by BHEL on FREE of cost at BHEL stores. | 10.00 | MT | 9086.00 | 90860.00 |
| 2 | Erection of Steel work out lined in above item including the charges for handling, leading and stacking at site at approved locations prior to erection including all site rivetting, bolting, jointing and site welding where ever required. | 10.00 | MT | 3894.00 | 38940.00 |
| 3 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work.(Only synthetic enamel paint will be supplied by BHEL). | 10.00 | MT | 1506.05 | 15060.50 |
| 4 | Supply and Fixing of colour coated aluminium zinc alloy coated metallic hirib profile sheet of nominal 1015-1020mm effective cover width and 28-30 mm deep ribs with subtle square fluting in the five pan at nominal 202-205mm centre-to-centre. The end rib shall be designed for anti-capillary action, to avoid any seepage of water through the lateral overlap. The feen material is manufactured out of nominal 0.45mm base metal thickness (BMT) or 0.5 mm TCT, Hi-Strength steel with minimum 550 MPa yield strength metallic hot dip coated with aluminium -Zinc alloy (55 % Aluminium ,45 % Zinc)as per AS 1397-Zincalume AZ150 (Min 150 Grams / Sq.Mt) Total on both sides) with colour bond steel quality paint coat as per AS/NZS 2728 type 3-4.The paint shall have a total coating thickness of nominal 35 µm, Comprising of nominal 20µm exterior coat on top surface and nominal 5 µm reverse coat on back surface over nominal 5µm primer coat on both surfaces of approved colour shade by concern authority. The steel manufactures test certificate for the certificate for the chemical and mechanical properties of steel must be submitted for approval by the engineer-in-charge. | 40.00 | Sq.m | 629.76 | 25190.40 |
| 5 | Supply & fixing of 3 mm thick glass of plain / opaque / pin headed etc., with MS glazing clips and putty at all floors of buildings , all as directed by Engineer-in-charge. | 40.00 | One Sq. m | 279.62 | 11184.80 |
| 6 | Earth work in excavation in all soils by mechanical means (Hydraulic Excavtors) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50M. | 17.00 | Cu.m | 130.80 | 2223.60 |

| S. No. | Description of the item | Qty | Unit | Rate (₹) | Amount (₹) |
|--------|--|-------|--------|---------------|----------------------|
| 7 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size) - The cement will be issued free of cost by BHEL at BHEL stores. | 1.10 | Cu.M | 2347.46 | 2582.21 |
| 8 | Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works up to plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size). Cement will be issued free of cost by BHEL at BHEL stores. | 7.50 | Cu.M | 2497.24 | 18729.30 |
| 9 | Filling with available excavated earth (excluding rock) in trenches , plinth , sides of foundations etc. in layers not exceeding 20 cm in depth , consolidation each deposited layer by ramming and watering , lead upto 50.00 m and lift upto 1.50 m. | 8.40 | Cu.M | 83.80 | 703.92 |
| 10 | Reinforcement for R.C.C. work including straightening , cutting , bending , placing in position and binding grills with binding wire all complete by cold twisted bars-Upto floor Five level. | 0.70 | M.T | 7369.00 | 5158.30 |
| 11 | Supplying and fixing of various sizes of MS bolts,nuts and washers conforming to IS 1367-1961 including cost of all materials, labour etc., complete (MR). | 0.03 | One MT | 40863.06 | 1021.58 |
| 12 | Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete with pointing in C:M in 1:3 | 10.00 | Sqm | 320.02 | 3200.20 |
| | | | | Total: | ₹ 2,14,854.80 |

Note:

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| 1 | Risk Purchase : In case the contractor fails to execute the work within the scheduled time or due to any other reasons, BHEL reserves the right to get the same completed through some other party at the risk & cost of the contractor and any additional expenditure incurred due to the same shall be charged to the contractor. |
| 2 | The rates are excluding GST. |
| 3 | The maintenance period is 12 months . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill. |
| 4 | Penalty terms: a) In the event of delay in supply of goods and or services beyond contractual delivery date, penalty of 0.5% per week or part there of shall be levied on the gross value of work done subject to a maximum of 10% of the gross value of the total work executed. Penalty amount so determined along with GST if applicable thereon shall be recovered. b) If the contractor fails to deposit the required security deposit or commence the work within the period as per LOI/Contract. The EMD will be forfeited. c) If the agency fails to commence the work as requested by the department penalty of 0.5% on the gross value of work for weeks delay will be applicable. Penalty amount so determined along with GST if applicable thereon shall be recovered. |
| 5 | Taxes: Bidders shall quote their Basic price exclusive of taxes. The applicable taxes on supply of material or services, as the case may be viz.GST shall be quoted separately, clearly showing the Service Code/Tariff Head, Rate of Tax and Amount of Tax in the Bid. The reimbursement of taxes to the contractor is contingent upon fulfilment by the contractor of all statutory provisions as stipulated in the relevant taxation statute enabling BHEL to avail the eligible input tax credits. TDS at the rates prescribed under Income Tax Act shall be deducted from the payments due to Contractor and BHEL shall issue the necessary TDS Certificates for such deductions made. |
| 6 | The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than GST as applicable from time to time. |

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|---------------|---|-----|------|----------|------------|
| 7 | All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL. | | | | |
| 8 | The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work. | | | | |
| 9 | The agency has to pay the minimum wages to workers with statutory payments like ESI, PF etc., is as per BHEL notification and as per NIT. For USW= ₹ 486.00, SSW= ₹ 523.35, SW = ₹ 559.16 + ESI + PF + PPE's and other statutory if any increase in future DA is to be borne by the agency. | | | | |
| 10 | The agency has to bring police clearance certificate for the work force. | | | | |
| 11 | All the terms and conditions of the contract with respect to taxes & duties are subject to the new taxation laws introduced from time to time (e.g. GST). The terms and conditions will be modified in accordance with the provisions of new laws (e.g. GST). | | | | |
| 12 | Payment shall be made stage wise on approval from engineer in charge | | | | |
| 13 | Vendor shall raise GST invoice on BHEL Hyd GSTIN. | | | | |
| 14 | If BHEL is unable to avail the input tax credit, the same amount shall be recovered from the vendor bills. | | | | |
| | <u>GST CLAUSES</u> | | | | |
| | Following points to be complied with : | | | | |
| 15 | In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL. | | | | |
| 16 | In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied / leviable on BHEL. | | | | |
| 17 | The bidder shall arrange to send to BHEL, Hyderabad along with all the required documents as in Purchase Order, Tax Invoice (Original for Recipient) along with his bills. | | | | |
| 18 | Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter /Intra state movement Supply of goods and services or both. | | | | |
| 19 | Taxes and duties prevalent on the contractual delivery date or the actual delivery date (in case of delay) whichever is lower shall be applicable paid. Composition Scheme to be addressed. | | | | |
| 20 | Vendor shall note that the Invoice has to be raised quoting HSN Code of Goods or Accounting Code of Services or both wherever applicable. | | | | |
| 21 | Invoice should mention BHEL-HPEP-HYDERABAD GSTIN: 36AAACB4146P1ZG or GSTIN of BHEL Nodal Agency as mentioned in PO. | | | | |
| 22 | In case of any short supply of goods or service Vendor has to raise a credit note for short supplied quantity as per GST provisions. | | | | |
| 23 | Any GST liability arising on BHEL under reverse charge before actual receipt of goods and or services and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other conditions specified in GST law, as applicable. | | | | |
| 24 | Penalty clause:- In the event of delay in supply of goods and or services beyond contractual delivery date, penalty of 0.5% per week or part there of shall be levied on the gross value of work done subject to a maximum of 10% of the gross value of the total work executed. Penalty amount so determined along with GST if applicable thereon shall be recovered. | | | | |
| 25 | Supplier shall mention their GST registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc. | | | | |
| 26 | A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged. | | | | |
| Note : | The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words | | | | |

| Tender % | In figure | In words |
|-----------------|-----------|----------|
| Excess | | |
| Less | | |
| Estimated value | | |