



**BHARAT HEAVY ELECTRICALS LIMITED**  
**HPEP, RAMACHANDRAPURAM, HYDERABAD-502032**  
**FACTORY CIVIL & PROJECTS DEPARTMENT**

Ref: Tender Notice No: HY/FCD/OT-23/2021-22 date: 25.03.2022

**PRO-FORMA FOR PRICE BID**

(Refer 7.F of NIT)

**SCHEDULE- A**

**Name of work: "Replacement of existing roof sheeting with non Asbestos sheets high impact Polypropylene reinforced cement sheets at 04 block high bay".**

SNNo.	Description of the item	Qty	Unit	Rate (₹)	Amount
	<b>PART-A 04 HIGH BAY</b>				
1	Removal Existing roof / side cladding of AC Sheets roofing, louvers side cladding, North light curves, ridges, flashings etc., including loading, transportation, unloading etc., within the premises up to a lead of 2 km as directed by Engineer-In-Charge.	9850.00	Sqm	Rs. 68.68	Rs. 6,76,498.00
2	Dismantling steel work in built-up sections in angles, tees, flats, channels etc., including all gusset plates, bolts, cutting rivets, welding etc., including dismembering and stacking within 2 km lead. (Height of block is around 20 m).	20.00	MT	Rs. 9,016.00	Rs. 1,80,320.00
3	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 coats 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 only will be issued by BHEL on FREE of cost at their stores.	30.00	MT	Rs. 15,264.50	Rs. 4,57,935.00
4	Erection of Steel work out lined in Item No. 3 above including the charges for handling, leading and stacking at site at approved locations prior to erection including all site riveting, bolting, jointing, site welding etc., where ever required, including engaging crane or any such lifting device at his own cost for erection of structural steel upto at a height of 15 m in confining area, if required.	10.00	MT	Rs. 6,541.00	Rs. 65,410.00
5	Erection of Steel work out lined in Item No. 3 above including the charges for handling, leading and stacking at site at approved locations prior to erection including all site riveting, bolting, jointing, site welding etc., where ever required including engaging crane or any such lifting device at his own cost for erection of structural steel at 15m and above height in confining area, if required.	20.00	MT	Rs. 17,041.90	Rs. 3,40,838.00
6	<b>Painting at site of all structural steel work with minimum 2 coats of Epoxy paint of approved make &amp; shade over a coat of epoxy primer to trusses, columns, girders, bracings etc., complete. The required paint is under the scope of the contractor. Make, shade etc., of Epoxy inclusive of thinner for the work to be carried out shall be as per instruction of Engineer-In-Charge.</b>	30.00	MT	Rs. 6,853.80	Rs. 2,05,614.00
7	Supplying and fixing plain PVC pipe of 160 mm dia with 6 kg/Sq cm. of approved quality (make Sudhakar / Nandi) with specials, accessories like fixing clamps and approved sealing / jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining to MS gutters, including cost of all materials, sealing compound, labour etc., for all heights complete.	900.00	m	Rs. 1,041.60	Rs. 9,37,440.00

SNNo.	Description of the item	Qty	Unit	Rate (₹)	Amount
8	Fixing of non-asbestos high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (refer IS: 14871) roofing upto any pitch and also for North light curve suitable to the sheets as per site requirement, fixing ridges and hips, fixing with polymer coated J or L hooks, bolts and nuts 8 mm dia. G.I. plain and washers (NEOPRIN) or with self-drilling fastener and EPDM washers etc., complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required. <b>Required sheets only shall be freely issued by BHEL at their stores.</b> All fixing accessories including flashing are in Contractor's scope at his own cost only.	9850.00	Sqm	Rs. 141.12	Rs. 13,90,032.00
9a	Supply & Fixing of high performance industrial roof vents (Turbo Ventilators) made of aluminum alloy, designed to meet AS-2428.1.1993 to wind speed of 200 km/hour and to the entry of wind driven rain at a range of 2.5 litres/sec under cyclone condition and the profile of the turbo ventilator should match with the profile of the roofing sheet. The size of the turbo ventilators should be 24". The payment will not be made for the roofing sheet moulded with the turbo ventilators. Ridge profile to be matched with roofing sheet.	8	Each	Rs. 12,600.00	Rs. 1,00,800.00
9b	Fixing of turbo ventilator: This includes Fixing of supplied turbo ventilator in required places with proper finishing that should match with the profile of the new roofing sheet with all new accessories as per the instruction of Engineer-In-Charge. The size of the turbo ventilators should be 24". The bottom sheet on which turbo ventilators should be having a minimum length of 1.7 m and width should match with the existing galvalume sheets ( <b>for this item only the turbo ventilators shall be issued free of cost by BHEL, at their stores.</b> )	40	Each	Rs. 940.80	Rs. 37,632.00
10	<b>Supplying and fixing of Fibre Reinforced acrylic roofing sheets 3mm thick of light blue / white shade of approved brand to match with Roofing sheet including cost of all materials such as self-driven bolts, nuts, washers etc. and fixing at all heights of the factory blocks etc., complete as directed by the Engineer-In-Charge.</b>	108.00	Sqm	Rs. 1,770.65	Rs. 1,91,230.20
11	Painting at site of all structural steel work with minimum 2 coats of aluminum paint / synthetic enamel paint of approved shade to trusses, columns, girders, bracings etc., with aluminum paint or synthetic enamel paint as required etc., complete. <b>The required paint only shall be issued free of cost by BHEL, at their stores.</b>	300.00	MT	Rs. 1,169.40	Rs. 3,50,820.00
<b>Total</b>					<b>Rs. 49,34,569</b>
<b>Note:</b>					
1	<b>Risk Purchase :</b> 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 <b>12 Months</b> . The security deposit will be released after satisfactory completion of the work including Maintenance Period and after getting I.R clearance and payment of final bill.				
4	<b>Penalty terms:</b> The following Penalties are envisaged in the contract: (a) In the event of delay in supply of goods or services or works beyond contractual delivery date, a penalty of 0.5% per week or part thereof 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 within ONE week period from the next date of issue of LoI or respective date as per LoI / Work Order, whichever is earlier, EMD shall be forfeited and the Contractor / Tenderer will automatically be suspended from being eligible for bidding in any contract with BHEL for a period of TWO years from the date of notification.  (c) If the Contractor fails to commence the work within the FIFTEEN (15) days period from the next date of issue of LoI or respective date as per LoI / Work Order or as requested by the BHEL, whichever is earlier, a penalty of 0.5% per week delay or part thereof or EMD, whichever is higher, shall be recovered. Penalty amount so determined along with GST, if applicable thereon shall be recovered.				
5	<b>Taxes:</b> 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.				
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.				

SNNo.	Description of the item	Qty	Unit	Rate	(₹)	Amount
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 bring police clearance certificate for the work force.					
10	All the terms and conditions of the contact 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).					
11	Payment shall be made stage wise on approval from engineer in charge					
12	Vendor shall raise GST invoice on BHEL Hyd GSTIN.					
13	If BHEL is unable to avail the input tax credit, the same amount shall be recovered from the vendor bills.					
14	Use of stone dust is not permitted in any civil works.					
	<b><u>GST CLAUSES</u></b>					
	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	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.					
25	A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged.					

Tender %	In figure	In words
Excess		
Less		
At par with Estimated value		

<b>Note :</b>	<b>The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimated value in figures and words. Bidders are requested to fill only one row.</b>
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