

सं०: आई० आई० टी० मण्डी/सी डब्ल्यू/ एस ई-1658/2024-25/1707-08

दिनांक 26-09-2024

NOTICE INVITING QUOTATION

Sealed item rate quotations as per schedule attached are hereby invited by the undersigned from registered contractors so as to reach in this office on or before **03/10/2024 up to 03:00 PM** and shall be opened on the same day at **03:30 PM** in the O/o Superintending Engineer, IIT Mandi at Kamand campus in the presence of intending contractors or their authorized representatives.

Name of work: Construction of LGSF Partition wall at SCENE office, A11 building, North Campus of IIT Mandi.

----- As Per Schedule Attached -----

Terms & Conditions:-

1. The work will be carried out as per CPWD General Specifications for **Civil Works** amended up to date & as per the instructions of the Engineer-in-charge.
2. The work is to be completed within **30 days** from issue of work order.
3. Any damages done during execution of the work/repairs are to be made good by the agency and nothing extra will be paid separately for the same.
4. The Prices quoted should be inclusive of all taxes including GST and nothing extra is to be paid.
5. Agency shall abide by labor rules and regulations.
6. All the applicable taxes shall be deducted from the bill.
7. Compensation of delay of work will be @ 0.05% per day.
8. GST Registration Certificate should also be attached with NIQ.
9. Certificate of enlistment with Central/State Govt. Organization/Central Autonomous body/Central Public Sector Undertaking should also be attached with NIQ.
10. All material to be used on the work will have to be got approved from the Engineer-in-charge.
11. In case of non-completion of work after the issue of work order, dealers/firms will be debarred for bidding at IIT Mandi for the next one year.

Sd/-
अधीक्षण अभियंता
Superintending Engineer

Copy to:-

1. Notice Board, IIT Mandi.
2. Institute Website, IIT Mandi.

Sd/-
अधीक्षण अभियंता
Superintending Engineer

Schedule of Quantity

Name of the work : Construction of LGSF Partition wall at SCENE office, A11 building, North Campus of IIT Mandi.

Sr. No.	Description of Item	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
1	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete as per entire satisfaction and direction of Engineer-in-Charge.	1.00	No.			
2	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete a) 300x10 mm as per entire satisfaction and direction of Engineer-in-Charge.	1.00	No.			
3	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. a) Single rubber stopper as per entire satisfaction and direction of Engineer-in-Charge.	1.00	No.			
4	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : a) For fixed portion i) Powder coated aluminium (minimum thickness of powder coating 50 micron) as per entire satisfaction and direction of Engineer-in-Charge.	59.00	Kg			

Sr. No.	Description of Item	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
5	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :</p> <p>For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).</p> <p>a) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).</p> <p>i) Powder coated aluminium (minimum thickness of powder coating 50 micron) as per entire satisfaction and direction of Engineer-in-Charge.</p>	20.00	Kg			
6	<p>Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.</p> <p>a) Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.</p>	1.00	Sqm			
7	<p>Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):</p> <p>a) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm).</p>	11.00	Sqm			
8	<p>Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete.</p>	13.00	Sqm			
9	<p>Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete as per entire satisfaction and direction of Engineer-in-Charge.</p>	1.00	No.			
10	<p>Providing and fixing aluminium round shape handle of outer dia 100mm with SS screws etc. complete as per direction of Engineer-in-charge.</p> <p>a) Powder coated minimum thickness 50 micron aluminium</p>	2.00	No.			

Sr. No.	Description of Item	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
11	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 screw, rawl plug & washers and held in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	11.00	Sqm			
12	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	27.00	Sqm			
13	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. a) Two coats.	27.00	Sqm			
14	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-150gms 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). 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 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 rate includes the concept design, detailed design, fabrication of sections, transportation, installation and all required fixing arrangement at site as described above as per entire satisfaction and direction of Engineer-in-Charge.	133.00	Kg			

Sr. No.	Description of Item	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
15	<p>Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / taping 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 or 8 to 10 gauge of length varying from 25 to 45 mm and. Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with selfdrilling / taping screws / fasteners @ 60cm c/c of approved make, 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).</p> <p>a) Outer face- Outer face having 6mm thick fiber cement board Type A, Category-IV as per IS:14862:2000 fixed on 9mm thick fiber cement board, Type A, Category-IV as per IS:14862:2000 (high pressure steam cured) Inner Face-12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board of Type B, Category-III conforming to IS:14862:2000 (High pressure steam cured) as per entire satisfaction and direction of Engineer-in-Charge.</p>	11.00	Sqm			
16	<p>Supplying and installation of moisture resistant/fire resistant cement board 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 or 8 to 10 gauge of length varying from 25 to 45 mm.</p> <p>a) Cement Fiber Board 6 mm thick as per IS 14862:2000 of type B (High pressure Steam Cured)</p>	6.00	Sqm			
Total						

Note : 1. Quoted rate should be inclusive of all applicable taxes including GST(nothing extra shall be payable).
2. All Statutory deduction will be made as per prevailing rates.

Sd/-
Superintending Engineer