

IMI-D/ Steel Stair

Date 17th July 2017

Subject: - Tender for Design, Build & installation of Steel Fire Escape Stair Case in EDP Building (Block-C) (approx. height 30M.) and addition of Steel Stair from 8th floor to Terrace in Faculty Building (Block-A) In IMI Campus at Delhi

Dear Sir,

This with reference to your interest for above works in IMI - Delhi,

And further discussion and site visits by you, we are pleased to invite you to participate in the tender process. Please note the following: -

1. EMD of Rs 20,000/- in favour of International Management Institute New Delhi payable at New Delhi form of Draft/ banker cheque is to be submitted along with tender.
2. Please note that this is time bound work and has to be carried out in a short span of maximum of 30 days including Design. This time limit is sacrosanct & has to be adhered to
3. You have to quote on item rate basis including cost of design Blank BOQ is enclosed where quantity of Items at S. No1 to 6 to be specified by you
4. Tender is to be submitted in two bid system i.e.
 - First Envelope will contain Preliminary Design, BOQ including quantity of items 1 to 6 but without Cost, Commercial & technical condition, Contractors credential including satisfactory completion of similar work, document & EMD etc. All documents must be signed, Stamped & Sealed. Envelope to be Mark -1 Tech & CCC with name of work Fire Escape Stair Case in IMI Campus at Delhi.

IMI-D/ Steel Stair

- 2nd envelope will contain Priced BOQ. All documents must be signed & Cos Stamp & Sealed. Envelope Mark II Design, Build & installation of Steel Fire Escape Stair Case In IMI Campus At Delhi
 - Put both Envelope in one envelope & Mark "Design, Build & installation of Steel Fire Escape Stair Case in EDP Building (Block-C) and addition of Steel Stair from 8th floor to Terrace in Faculty Building(Building-A) In IMI Campus At Delhi
5. Last date of submission of Tender is 3:00PM 20th July2017 in the office of Registrar & CAO. International Management Institute, B-10,Tara Crescent, Qutab institutional Area New Delhi 110016.
 6. Eligibility Criteria Contractor must have experience in the similar works and must have executed at least one work of similar nature value of work They have must have executed in past 3 year viz.
 - o Structural steel work, 1 work of 15 lakh or 2works of at least Rs 10 Lakhs each or 3 works of Rs 8 lakh each. Bidder is to submit copies of w.o. along with completion certificate.
 7. Bidder has to submit in a format the Name of Client, contact person and phone no whom IMI can contact & visit.
 8. Also submit past 5 years Turnover in single sheet duly authenticated.
 9. Please send an Authorized representative for inspection of site on 18th & 19th July 2017.
 10. Documents (BOQ & T&C) may be down loaded from our web site www.imi.edu/delhi/tendersAll

Thanking you

Sincerely

AK Bhatia
Consultant Engineer (Civil)
For IMI-Delhi

IMI-D/ Steel Stair

Name of Work: -Design, Build & installation of Steel Fire Escape Stair Case in EDP Building (Block-C) (approx. height 30M.) and addition of Steel Stair from 8th floor to Terrace in Faculty Building (Block-A)In IMI Campus At Delhi

Fire Escape Stair Cse					
SNo	Item Description	Unit	Rate	Quantity	Amount
	Steel Work				
1.*	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg			
2.*	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. 10.25.1 In stringers, treads, landings etc. of stair cases, including use of chequered/ flat plate wherever required, all complete	kg			
3.*	In grating, frames, Guard bar, Ladder, railing, Brackets, gates & similar works	Kg			
4.*	MS Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. With M.S. tube	kg			
5.*	P&F MS round holding down Bolts with nut ,washer & plate complete	Kg			
6.*	P&F MS round Bolts with nut ,washer & plate complete in walls	Kg			
	Dismantling				

IMI-D/ Steel Stair

7	<p>Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer – in - charge.</p> <p>15.2.1 Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)</p> <p>15.2.2 Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)</p>	Cum	1.0	5.5	
8	<p>Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Engineer - in- charge</p>	Cum	4.5		
9	<p>Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.</p> <p>In Cement Mortar</p>	Cum	5.0		
10	<p>Dismantling doors, windows and clerestory windows (steel/Aluminum or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 meters lead :</p> <p>15.12.1 Of area 3 sq. meters and below</p> <p>15.12.2 Of area beyond 3 sq</p>	Each Each	8		
11	<p>Taking out doors, windows and clerestory window shutters (steel or wood)Or Aluminum including stacking within 50 meters lead :</p> <p>15.13.1 Of area 3 sq. meters and below each 54.80</p> <p>15.13.2 Of area beyond 3 sq. meters each 72.55</p>	Each Each	RO		
12	<p>Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 meters lead.</p> <p>15.23.1 For thickness of tiles 10 mm to 25 mm</p> <p>15.23.2 For thickness of tiles above 25 mm and up to 40 mm</p>	Sqm Sqm	1.0 1.0		
13	<p>Disposal of building rubbish / malba / similar unserviceable,</p>				

IMI-D/ Steel Stair

	dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	Cum		18.0	
	Restoration work				
14	Excavation in earth work upto a depth of 1.5 m and removal up to 50M. Lift 1.5 M	Cum		7.0	
15	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	Cum Cum		1.0 1.0	
16	Extra for concrete work in superstructure above floor V level for each four floors or part thereof.	Cum		1.0	
17	P & F in position Reinforced Cement Concrete excluding cost of centering & shuttering, & reinforcement all work upto Plinth level 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum		5.0	
18	Centering & shuttering including strutting ,propping etc & removal of form work for all heights 5.9.1. Foundation footing, basses of Columns etc for Mass Concrete	Sqm		20.0	
19	P& F TMT 500-D bars as reinforcement steel including cutting bending binding & placing all complete as CPWD specifications	Kg.		550 .00	

IMI-D/ Steel Stair

20	<p>Providing and fixing aluminum 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. Aluminum sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminum 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 For Fixed Portion 21.1.1.2 Powder coated Aluminum (minimum thickness of powder coating 50 micron) kg 377.75 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>	Kg		10.00	
21	<p>Providing and fixing glazing in aluminum 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 aluminum snap beading shall be paid in basic item): With float glass panes of 4.0 mm thickness</p>	Kg		300.00	
22	<p>Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary</p>			RO	

IMI-D/ Steel Stair

	stainless steel screws etc. to the side hung windows as per direction of Engineer-r in-charge complete. 205 X 19 mm	Each			
23	21.14 Providing and fixing anodized aluminum (anodized transparent or dyed to required shade according to IS: 1868. Minimum anodic coating of grade AC 15) sub frame work for windows and ventilators with extruded built up standard tubular sections of approved make conforming to IS: 733 and IS: 1285, fixed with dash fastener of required dia and size (Dash fastener to be paid for separately)	Kg		RO	
24	21.16 Providing and fixing aluminum round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer in-charge 21.16.1 Anodized (AC 15) aluminum each 65.60 Powder coated minimum thickness 50 micron aluminum	Each		16	
25	Anodized Aluminum butt hinges 100x75x4 mm	10 nos		48	
26	Dash fastener / Chemical fastener	each		2	
27	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt	each		15	
28	Stainless steel screws 30 mm x4 mm	100nos		100	
29	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) 1:6 (1 cement: 6 fine sand)	Sqm Sqm		15	
30	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand) 1:6 (1 cement: 6 fine sand)	Sqm Sqm		15	
31	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. 1 On steel work 2 On concrete work	Sqm		500	

IMI-D/ Steel Stair

		Sqm		2.5	
32	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	Sqm		25	

Notes: -

- *The quantities of Item 1-6 shall be filled in by bidder based on their design
- Bidder to ensure that + deviation in items 1-6 shall not exceed 2.5%. In case exceeds the payment shall not be admitted
- Stair Case has to be designed on IS code, NBC & Fire safety norms & same is to be submitted before execution.
- SAIL, TATA and Vizag steel will be used for structures & Reinforcement work,
- Jindal/ Hindalco Aluminum sections will be used in Doors /Windows
- Glazing will be of Saint Gobain / Modi Guard /Ashai.

IMI-D/ Steel Stair

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