

INDIAN INSTITUTE OF TECHNOLOGY PATNA

Institute Works Department (IWD)

IIIrd Floor, Admin. Bldg; Amhara Road, Bihta, Patna- 801118

Telephone: 612-2552002, 2552059, fax- 0612-2277383

NIQ No. - IITP/IWD/AZI/09/2023

Date- 23.02.2023

NAME OF THE WORKS: Aluminum Partition with MS framing at old mechanical workshop of IIT Patna.

ISSUE OF QUOTATION

: - 23.02.2023 to 06.03.2023

LAST DATE OF SUBMISSION

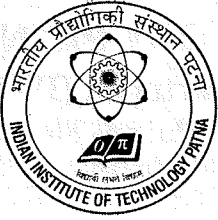
: - 06.03.2023 up to 03:00 PM

NIQ/QUOTATION OPENING DATE

: - 06.03.2023 TIME: 03:30 PM

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The NIQ documents may be downloaded from the website iitp.ac.in (NIQ WILL BE AVAILABLE AT INSTITUTE WEBSITE www.iitp.ac.in)



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INSTRUCTION TO BIDDERS

1. Sealed NIQ on percentage rate basis are invited by IIT Patna from having valid GST, PAN and contractor registration certificate from any Central or State government organization. The approximate cost of the work is Rs 55,077 /- (Rupees Fifty Five Thousand Seventy Seven only). The work to be completed within 25 **days** from the date of acceptance of work order placed by IIT Patna or as from the date mentioned in the work order.
2. The participants are required to quote rate as per the site visit done on percentage rate basis. **The NIQ will not be accepted in other format.** The completed set is to be put in a sealed envelope addressed to:

Head (IWD),
Indian Institute of Technology Patna
Bihta - Kanpa Road, Gate no.-01, Bihta, Patna - 801106

NIQ will be submitted at "Tender Box near Admin Building, Ground floor, left side up to 03:00 AM on 06.03.2023" with necessary documents like GST, PAN, contractor registration certificate and receipt for submission of EMD amount.

Earnest money Deposit (EMD) of Rs. 1102/- (Rupees One Thousand Two only) to be deposited in the institute's account through SBI i collect and the receipt of submission is to be uploaded along other techno financial documents. For details regarding submission of EMD, the webpage with following link may be visited:
<https://www.iitp.ac.in/images/pdf/snp/SBI%20I-Collect.pdf>

Scope of Work: - Aluminum Partition with MS framing at old mechanical workshop of IIT Patna.

Agency has to submit the copies of the documents. Without these documents NIQ will not be accepted.

- a. Copy of PAN card.
 - b. Copy of GST
 - c. Copy of contractor's registration certificate.
 - d. Signed copy of rate quoted by the agency in Annexure-I
3. No NIQ will be received after the expiry of the date/ time notified for receiving NIQs under any circumstances whatsoever.
 4. The NIQ will be opened at 03:30 PM on 06.03.2023 at above address, in the presence of authorized representative of Contractor or contracting agency if present at office at given date and time and NIQ opening committee of IIT Patna.



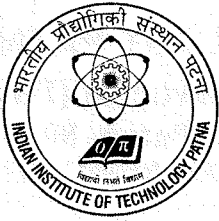
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5. NIQ shall remain valid for acceptance for a period of 90 days from the notified last date of NIQ submission.
6. IIT Patna reserves the right to reject any or all NIQ received without assigning any reasons thereof.
7. The price should be for the complete finished item of work and include all labour, material, taxes, overhead, duties, cess etc.
8. All NIQs in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
9. IIT Patna reserves the right to reject any or all prospective applicants without assigning any reason. If any information furnished by the applicant is found incorrect at a later stage, he shall be debarred from participating and taking up of any work in IIT Patna.
10. This NIQ notice shall form part of the contract documents.
11. Penalty @ 0.5% per week subject to maximum 10% will be imposed against delayed part of work.
12. The agency is fully responsible for the safety of working personnel and has to follow all government labour law and safety rules.
13. Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the work, the form and nature of site, the means to access the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risk, contingencies and other circumstances which may influence or affect their NIQ. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost of materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the bid documents. Submission of NIQ by a NIQer implies that he has read this notice and all other NIQ documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having bearing on the execution of the work.
14. All statutory deduction will be deducted as per government rules.
15. Payment shall be released through Bank Account after submission of Bill against work done.
16. All disputes are subject to exclusive jurisdiction of competent court and forum in Patna, India only.
17. The work shall be carried out as per C. P. W. D specifications for works with correction slips issued up-to date unless otherwise specified in the schedule of quantities for the works.
18. Water, electricity will be made available on chargeable basis (1%) will be deducted out of total bill amount, if provided by IIT Patna.



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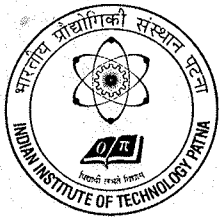
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19. Being and individual works contract / maintenance contract, sales tax, excise duty etc are not payable separately. The works contract tax, income tax and Labour cess shall be deducted from the bills of the contractor at the prescribed rates wherever applicable. The Contractor shall be responsible to pay applicable ESIC, PF to the respective authority as per the applicability within his quoted rates.
20. The work will be carried out as per instructions given by the Engineer- in - Charge and as per the required work and the contractor shall be bound to carry out the work in accordance with revised and / or modified drawing.
21. All the materials to be used in the work shall have to be got approved by the Engineer-in-charge prior to fixation.
22. No under-ground work or above the false ceiling shall be covered until the same has got approved by the Engineer-in-charge. The contractor will supply the drawings of specific works for approval, if required
23. The contractor shall arrange suitable godown at the site of work for storing their materials safe against damage at his own cost and he shall employ necessary watch and ward establishment for tool and plants and other materials at his own cost, if required.
24. The contractor is assumed to have visited the site before quoting the rates and so the work is to be completed in all respects before handover.
25. All debris/ malwa should be removed by respective agency.
26. If any extra item is required to be executed for the work, the same shall be paid to the successful agency at DSR'2021 rate + C.I as on 01.04.2022+- % rate quoted by the agency.

Head (IWD) 23-12-22

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Annexure-I

To be filled up by the contractor:

I/We agree to carry out above mentioned works _____% below or, _____

% above or, at par of the estimated cost inclusive of all taxes which is Rs. _____

----- (in figure),

Rs. _____

(in words).

Signature of contractor

Date:

Estimate for Providing and fixing of AL Partitioning with required MS framing at old mechanical workshop of IIT Patna

SL. NO.	DSR'2021	DESCRIPTION OF ITEM	QTY	UNIT	Rate	Amount
1	21.1	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 to be paid for seperate items)				
	21.1.1	For fixed portion				
		Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15	52.0	Kg	433.95	22565.40
2	21.1.2	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)				
	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	20.0	kg	531.8	10636.00
3	21.3	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)				
	21.3.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	1	Sqm	1019.8	1019.8
4	21.2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium 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.				
	21.2.2	Pre-laminated particle board with decorative lamination on both sides	12	Sqm	951.05	11412.6
5	21.16	Providing and fixing aluminium 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) aluminium	2	nos	88.75	177.5
7		Providing and fixing of Al tower bolts, ISI marked anodised				
		250*10 mm	2	Nos	104.4	208.8

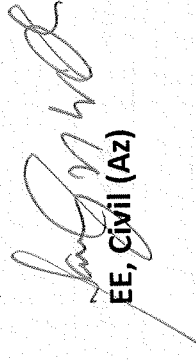
8	21.13	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete	1	Nos	449.55	449.55	
9		Dash fastener / Chemical fastener	10	Nos	19.1	191	
10	10.2	Structural 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.	50	kg	78.2	3910	
11	21.8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.					
	21.8.1	Upto 5mm depth and 5 mm width	5	meter	85.25	426.25	
						TOTAL	50,997
						Cost index @ 8% as on 01.04.2022	4,080
						Total Amount in Rs,	55,077

(Rupees Fifty Five Thousand Seventy Seven only /-)

Submitting the above estimate for AI partitioning and MS framing work at old mechanical workshop of IIT Patna for an amount of Rs, 55,077/- for administrative approval and expenditure sanction . Rates are based on DSR'2021 with cost index as on 01.04.2022

Put up for consideration and approval.

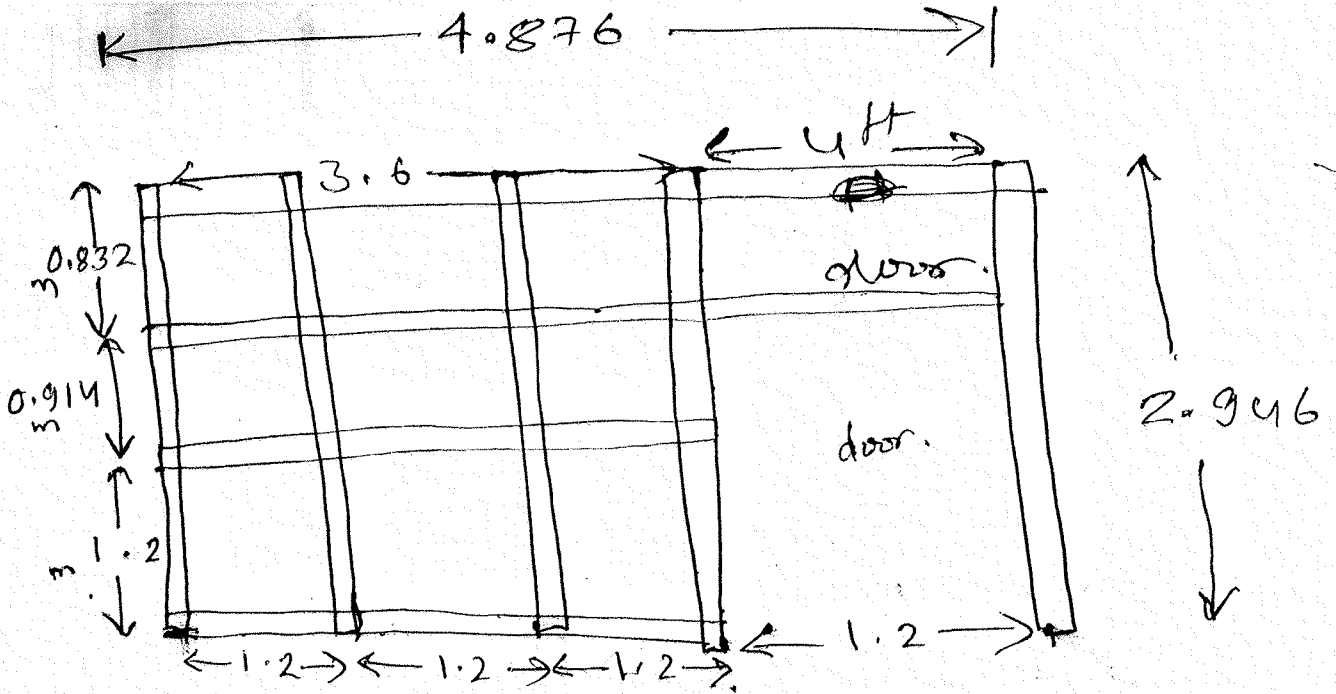

AE, CIVIL (AZ)


EE, CIVIL (AZ)

Head (IWD)

DW4

n =
9.8 ft



FRONT VIEW.

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M.S framing = (40 x 40 x 3) mm square bar.

Horizontal = $4.876 \times 1 = 4.876$ mts

Vertical = $2.946 \times 3 = 8.8392$ mts.

$\Rightarrow (40 \times 40 \times 3.2)$ mm
= 3.49 kg/mts @ 48.88 kg @ 50 kg
Total = (13.7152)
= 14 mts approx //

At section (2.5 x 1.5) " (For partitioning)

Horizontal = $(3.6 \times 2) + (4.876 \times 2)$
= $7.2 + 9.752$
= $16.95 \approx 17$ mts.

Vertical = $2.946 \times 5 = 14.73$ mts.

Total = $31.73 \approx 32$
@ 1.65 kg mtr.
= 52.8 kg

DLB Board.

$\Rightarrow 3.6 \times 2.946 + 1.2 \times 1.2 = 10.60 + 1.44$
= $12.04 \approx 12.5$

Glass 4mm

$\Rightarrow 1.2 \times 0.9 = 1.09 \approx 1$ sqm.

At section for door

= 2.1×2
+
 1.2×3

= 4.2
3.6

7.8 mts

sq - 8 mtr

@ 2.48 kg/mtr

= 19.84

≈ 20 kg.