



Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

G T Road Bye Pass, Jalandhar-144011, Punjab (India)

डा. बी आर अम्बेदकर राष्ट्रीय प्रौद्योगिकी संस्थान,

जालंधर-144011, पंजाब (भारत)

Ref. No. NITJ/EO /EERM/

Date:

Notice Inviting Quotation

Name of Work: Civil Works regarding site preparation for installation of ICPMS and FESEM Under IIC

Notice Inviting Quotation on Item Rate Basis (sealed offline Quotation) for Civil Works from the Eligible Supplier/ Fabricators/ contractors.

Estimated Cost of Work: Rs. 2,23,829/-

The scope of work

The scope of work includes:

- a) Providing and fixing of Aluminum Partition work with glass & pre-laminated particle board including all necessary fittings.
- b) Providing and fixing ceramic wall tiles.
- c) Providing and fixing of iron cage structure including painting and all necessary fittings.
- d) Distemping and painting including Primer coat and wall putty to make surface smooth.

(Refer BOQ available at the end of NIQ)

I	Downloading & Submission of offline Bid/Quotation	Start Date: 21.12.2021 at 03:00 PM
II	Last date of submission of offline bids	End Date: 28.12.2021 upto 03:00 PM
III	Opening of Bid/Quotation	29.12.2021 upto 03:00 PM



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Terms & Conditions

1. Rate quoted by bidder should be GST Including.
2. Bidder should to follow the CPWD specification 2019 or as per site in charge.
3. Make and model of material should be as per annexure –I
4. Bidder have to submit the acceptance of NIQ with Bid Document (Quotation).
5. Work should be completed within 45 days after acceptance of work order.
5. Successful bidder have to start the work with 7 days from acceptance of work order.
6. Sealed Offline Bid (quotation) with acceptance of terms and conditions should be reached this office upto **date 28.12.2021 time 03:00 PM.**
7. Penalty may be imposed by competent authority, if work will not completed within stipulated time period.

***Kind attention should be in favour Executive Engineer- R&M.**

MODE OF PAYMENT

S.No.	Stage	Accumulated %age of fee to be paid
1.	On actual completion of work	100% of payment may be released based on the actual completion cost of work.



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Annexure -I

LIST OF PREFERRED MAKES FOR CIVIL / SANITARY WORKS

S.No.	Material	Preferred make
1. (i)	Ordinary Portland/Portland Ambuja, Vikram, Pozzolona Cement (Grey) (43 Grade) Associates, Shree Cement Ltd.	: ACC, Ultratech Cement Ltd., Gujarat Birla, JK Cement, JP
(ii)	White Cement	: Birla White, J. K. White, Ultra Tech Cement
2.	Reinforcement Steel JSW	: SAIL, Tata Steel Ltd., RINL, Jindal Steel & Power Ltd. or Steel Ltd.
3.	Veneered Particle Board	: Kitply, Action TESA, Anchor, Century ply.
4.	Laminated Particle Board/ Laminates	: Kitply, Action TESA, Anchor, Century ply.
5.	Flush door shutters Panel	: KuttlyFlushdoor, Kitply Industries (Swastik), Shree Ram Pvt. Ltd, M/S Jain Wood Industries, Pooja Decorative Plywoods.
6.	Factory made Panelled & wire gauge Industries, wooden door/ window shutters. Products	: M/s Haryana Timber Store, M/S Jain Wood M/s New Jagdamba Doors, Rajpura, SPC (Selected Co.).
7.	Steel Windows/Pressed Steel frames Asst.,	: San Harvic, PD Industries Panchkula, Shree Krishna Panchkula, M/s SteelMan Industries (Jalandhar) or Equivalent
8.	Water Proofing Compound	: Fosroc, Cico, Pidilite.
9.	M.S. Pipe	: Tata, Jindal (Hisar), Parkash Steel Tubes, Bhushan Industries.
10.	PVC Pipe & Fittings	: Supreme, AKG, Finolex, Kisan, SFMC, Diplast.
11.	Acrylic Distemper Equivalent	: Nerolac, Berger (Bison Acrylic) Asian Paints (Tractor) or
12.	Acrylic Emulsion	: Nerolac, Berger (Bison Acrylic) Asian Paints (Tractor)
13.	Synthetic Enamel Paints	: ICI (Dulux Gloss), Nerolac, Berger, Asian Paints.
14.	Steel Primer	: ICI, Nerolac, Berger, Asian Paints.
15.	Wood Primer	: ICI, Nerolac, Berger, Asian Paints.
16.	Mosaic tiles/ Chequered Tiles	: Modern, NTC, A-1, Ultra Tiles
17.	Ceramic Tiles	: KAJARIA, NITCO, JOHNSON, Orientbell.
18.	Dash / Anchoring Fasteners	: HILTI / Fischer
19.	Nuts / Bolts & Screws	: GKW, Atul, Kundan.
20.	Stainless Steel Sink (Out of Salem	: DIAMOND, BLUE STAR, Neelkanth, Niralli, Jyna.
21.	Float Valve	: IVC, Leader, Prayag, Kalsi Pump Pvt. Ltd., Dhawan Sanitary Udyog (Prima)
22.	Admixtures	: Fosroc, MBT, Sika, CICO, Asian.
23.	Vitreous China Sanitary Ware	: JAQUAR, Parryware, CERA, Kerovit (KAJARIA), CIZAR, ..
24.	Plastic seat cover of W.C. (KAJARIA),	: JAQUAR, Parryware, CERA, Kerovit CIZAR.



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25.	PVC Flushing cistern	:	JAQUAR, Parryware, CERA, Kerovit (KAJARIA), CIZAR.
26.	CP Fittings/Mixer Pillar taps Washers	:	JAQUAR,NOVA, MARC, Kerovit (KAJARIA), CIZAR.
27.	CP Accessories	:	JAQUAR,NOVA, MARC., KEROVIT of KAJARIA
28.	Centrifugally Cast (spun) Iron Pipes	:	NECO, SKF brand of M/s Singhal Iron Foundry Pvt. Ltd. Mathura, Bengal Iron Corporation, Kolkata (BIC).
29.	Centrifugally Cast (spun) Iron Pipes Kesoram, Neco.(Class LA).	:	Electro Steel,
30.	C.I. Sluice Valves & Reflex Valves	:	ANNAPURNA ,SANT, NMC, ZOLOTO
31.	G.I. Pipes	:	Jindal (Hissar), Tata Steel Tubes Ltd., Prakash steel pipes.
32.	G.I. Fittings	:	Unik, KS, AMCO, AVR, NMC.
33.	Gun metal Valves, globes	:	Leader, Zoloto, Kilburn, CIM Valves, Sant, ANNAPURANA, NMC Valves.
34.	Brass stop & Bib Cock	:	Zoloto, Sant, L&K, Leader, JAINKO, Kalsi Pump Pvt. Ltd.
35.	Stoneware pipes & Gully traps	:	Prefect, Hind or ISI marked S.W. Pipes.
36.	Mirror Glass	:	Atul, Modi Guard, Golden Fish
37.	Glazed Fire Clay Kitchen Sink	:	PAMINI, SANFIRE, RKCP, Silver Shine.
38.	Vitrified Tiles/ Ceramic Tiles	:	KAJARIA, NITCO, JOHNSON, Orientbell.
39.	Water Meter	:	PRIMA (ISI), Kranti, DASHMESH.
40.	Grouting Compound	:	Endura, Pidilite, Ferrous Crete
41.	Aluminium Sections	:	Hindalco, Jindal Indian Aluminium Co. or Equivalent
42.	Glass Mosaic Tiles	:	NITCO, N.T.C, Ultra tiles.
43.	Paver Blocks &kerb stones	:	NITCO, Unitile, N.T.C.
44.	Non Return valve (Check valve) ½” to 1¼”	:	Kalsi Pumps Pvt. Ltd., Zoloto, Annapurna.
45.	Line Filter Valve ½” to 2”	:	Kalsi Pumps Pvt. Ltd.
46.	Ferrules 15mm, 20mm&25mm	:	Dhawan Sanitary Udyog (PRIMA), Kalsi, Annapurna, NMC Valves.
47.	Stainless Steel Staircase railing	:	DORMA, D-line, Sialkot.
48.	Locks/ Latch/ fittings	:	Godrej, HARRISON, PLAZA. or Equivalent
49.	Hydraulic Door closer/ Floor Spring	:	Godrej, Grace, DORMA or Equivalent
50.	Fire Check Door	:	NAVAIR, ROMAT, KUTTY DOOR
51.	Aluminum Grill Equivalent	:	Hindalco, Jindal Indian Aluminium Co., Century, or
52.	GLASS or Equivalent	:	MODI FLOAT & SAINT GOBAIN, ASAHI, GLAVERBEL.
53.	Polyester Powder Coating Shades	:	NEROLAC, BERGER, J&N
54.	Friction Stay Hinges	:	Earl-Bihari
55.	Nuts, Bolts and Screws, Steel	:	Kundan, Priya, Atul.
56.	EPDM Gasket	:	Hanu/ Anand, Raven.
57.	Structural Silicon	:	Dow Corning/ Wacker.
58.	Weather Silicon	:	Dow Corning/ Wacker
59.	Tile Adhesive	:	Cico, Pidilite, Ferrous. or Equivalent
60.	Copper Tubes/ Pipes	:	Rajco, Max Flow ABC.
61.	Copper Fittings	:	Yorkshine, IBP, BCONEX.
62.	Aluminium Hardware	:	HARDIMA, EVERITE, DORMA. or Equivalent
63.	Factory made Polyvinyl Chloride (PVC) Rajshri Plasti wood.door shutter and Frames	:	
64.	U-PVC Pipe	:	Flow Guard, Green Line, Supreme.
65.	C-PVC Pipe (IS 15778:2007)	:	Prayag, Finolex, Supreme
66.	Deleted		



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67.	Wall putty	:	Birla wall care, JK White, SARA wall putty of FerrousCrete (white cement based)
68.	Stainless steel hardware fittings	:	DORMA, Geze, Hafele, Ozone.
69.	Hermitically sealed performance bytoughened glass processors)	:	Saint Gobain, Asahi, Pilkington, Viracon (processed themselves or by their approved
70.	Poly-Sulphide sealant	:	Choksey Chemicals, Fosroc, Dr. Fixit, Sika
71.	Fire sealant	:	BTMH, Promat, Alstom, Birla 3M
72.	Roofing Sheets	:	
	(i) Standing Slam Double Skin insulated CorusRoofing System	:	Kalzip, CRIL,
	(ii) Galvanize	:	CRIL, Lloyds, Interarch
73.	Epoxy Paint	:	Aisan, ICI, Kansai Nerolac
74.	C.I. Manhole covers & frames	:	NECO, RAJ Iron Foundary Agra, BIC
75.	Cast Copper Alloy Screw down bib tapsandStop valves (Interaly& Externally) for water Services IS: 781:1984	:	Jainko
76.	C.P. Brass bottle trap	:	JAQUAR, Marc, Kerovit (Kajaria).
77.	Autoclaved Aerated Blocks	:	Builtech, Magicrete, R.S. Green, Siprox, Aerocon
78.	Gypsum lightweight plaster compound	:	Ferrous Crete, Gyproc, Saint Gobian, Bora
79.	Polymer mortar/ Adhesive for AAC Blocks	:	Ferrous Crete, ArdexEndura, Ultratech.
80.	C.P brass Jet Spray	:	JAQUAR, CZAR, NOVA, MARC, Kerovit (Kajaria).
81.	Under counter white vitreous China Oval: Kerovit (kajaria)shape wash basin	:	Hindware, Jaquar, Cera,
82.	Float Glass	:	MODI FLOAT & SAINT GOBAIN, ASAHI, GLAVERBEL.
83.	C.P. Brass toilet paper holder	:	Jaguar, CZAR, NOVA or Kerovit (Kajaria).
84.	PTMT liquid soap container	:	Prayag.
85.	Cast Copper Alloy fancy single taps, Combination tap assembly and stop valves for water services IS: 8931:1993 :	:	Jainko



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Schedule of Quantities (Civil Work)

Name of work: Site preparation for installation of ICPMS and FESEM under IIC, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar

Sr. No.	Description	Unit	Qty.	Rate	Amount
1	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. 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)				
	For fixed portion				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	KG	210		
	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)				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	KG	46		



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2	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):				
	With toughen glass panes of 4 mm thickness (weight not less than 10 kg/ sqm)	sq.m.	30		
3	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.	each	2		
4	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.				
	Single rubber stopper	each	2		
5	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	2		
6	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 :				
	200x10mm	each	4		
7	Providing and fixing aluminium handles, 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				
	125mm	each	4		



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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				
	Upto 5mm depth and 5 mm width	meter	55		
9	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 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				
	Pre-laminated particle board with decorative lamination on both sides	sq.m.	22		
10	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sq m	20		
11	Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3mm thickness.	sq m	20		
12	Welded steel wire fabric of required width having rectangular mesh painted with two or more coats of enamel paint of approved shade over a coat of primer (Priming & Painting to be paid for separately).	Kg	80		
13	Applying priming coat				
	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	sq m	15		
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				



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	Two or more coats on new work	sq m	65		
15	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.				
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	47		
16	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete				
	75x47x1.70 mm	each	4		
17	Providing and fixing ISI marked 85x42 mm oxidised M.S. pull bolt lock conforming to IS : 7534 with necessary screws bolts, nut and washers etc. complete.	each	1		
18	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :				
	75x47x1.80 mm	each	2		
19	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sq m	60		
20	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.	sq m	40		
21	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	sq m	41		

Registrar