

# **TENDER**

The Gem & Jewellery Export Promotion Council (GJEPC) require services of Interior Designer/ Architect/Contractors for doing interior work for a Jewellery Educational Institute proposed to be started at Varanasi, Uttar Pradesh with carpet area of 6103 sq. ft. on a turnkey basis. Details and scope of work at [www.gjepc.org/tenders.php](http://www.gjepc.org/tenders.php) Interested Interior Designers/Architects/ Contractors may submit their expression of interest with firm/entity profile & financial quote towards cost/service charges in a sealed envelope by ordinary post/speed post/ registered post/courier on or before 4.00 PM of 27/10/2016 at: .

**Executive Director,  
GJEPC, AW 1010, Bharat  
Diamond Bourse, G  
Block, Bandra Kurla  
Complex,  
Bandra East, Mumbai  
400 051.**

**Tel – 022-26544600**

**BILL OF QUANTITY FOR PROPOSED EDUCATIONAL  
INSTITUTE AT VARANASI**

Sr No.	Item	Qty	Unit
<b>A. DEMOLITION WORK</b>			
1	Demolishing of tiles on the wall in the Reception area	125	sq.ft
2	Demolishing existing side door in the Reception area	42	sq.ft
3	Demolishing the existing glazed doors near the terrace	175	sq.ft
4	Demolishing of existing gypsum board false ceiling in the manufacturing workshop	1400	sq.ft
5	Demolishing of existing gypsum board false ceiling in the manufacturing lab	340	sq.ft
6	Demolishing of steps	140	sq.ft
7	Demolishing of tiles in Manufacturing workshop	75	sq.ft
8	Demolishing of washing place in Manufacturing workshop	50	sq.ft
9	Carting away debris	5000	per trip
<b>B. FURNITURE WORK</b>			
10	Providing & fixing Reception desk in 2 levels, user top at 2'6" & customer top at 4' ht., using 19mm thk. Commercial ply of approved brands, finished with 1mm thk. laminate & decorative apron finished in laminate, table internally finished in french polish, provided with keyboard tray in 19mm thk. Commercial plywood, finished in 1mm thk. laminate, fixed on telescopic channels, top using glass provided on SS studs, complete with all necessary hardware of approved make	7	sq.ft

11	Providing & fixing <b>wall paneling behind reception desk</b> using 19mm thk. Commercial plywood of specified brands, & fixing 12mm thk. Commercial plywood on the 19mm thk. Commercial plywood frame, finished in 1mm thk. laminate or paint fixed using specified adhesive & hardware . <b>(Extra rate for logo letters as per design)</b>	60	sq.ft
12	Providing & fixing <b>wall paneling on columns</b> using 19mm thk. Commercial plywood of specified brands, & fixing 12mm thk. Commercial plywood on the 19mm thk. Commercial plywood frame, finished in 1mm thk. laminate or paint fixed using specified adhesive & hardware . <b>(Extra rate for logo letters as per design)</b>	1350	sq.ft
13	Providing and fixing <b>full height book rack in Reception area on office wall</b> , using 19mm thk. Commercial plywood for top, sides and 5mm thk. framed glass doors in front and 6mm thk. Commercial plywood used for back, provided with 5 shelves in 19mm thk. Commercial plywood inside, storage finished in laminate externally, complete with all necessary hardware like SS finish hinges, 4" SS handles, locks. magnet etc. of approved make	100	sq.ft
14	Providing and fixing <b>full height book rack with storage below, behind Reception table in Reception area</b> , using 19mm thk. Commercial plywood for top, sides and 6mm thk. Commercial plywood used for back, provided with 3 slanted shelves in 19mm thk plywood inside, storage finished in laminate externally, with 2'6" closed storage below using 19mm thk. Commercial plywood complete with all necessary hardware like SS finish hinges, 4" SS handles, locks. magnet etc. of approved make	80	sq.ft

15	Providing and fixing <b>workstations in the Office area</b> , using 19mm thk. Commercial plywood for top, sides and 12mm thk. apron for finished in 1mm thk. laminate externally and French polish internally, provided with keyboard drawer, one drawer on telescopic channels finished in laminate from sides with soft closing auto hinge, lock for drawer and all necessary hardware like magnets, etc., complete.	20	rft
16	Providing and fixing <b>side tables in the Office area</b> , using 19mm thk. Commercial plywood for top, sides, finished in 1mm thk laminate externally and French polish internally, provided with two drawers of 4" ht on telescopic channels and openable shutters below drawers finished in laminate externally and French polish internally with 1 shelf inside of 19mm thk Commercial plywood with necessary hardware like locks, magnets, etc., complete.	20	rft
17	Providing and fixing <b>Glazed Partition in passageway</b> in 12mm toughened glass fixed in 19" thk. Commercial plywood frame with 18" panel on top and 4' frosted film below	1740	sq.ft
18	Providing and fixing <b>Glazed Partition in between manufacturing lab and benaras art and culture lab</b> in 12mm toughened glass fixed in 19" thk. Commercial plywood frame with 18" panel on top and 4' frosted film below	135	sq.ft
19	Providing and fixing <b>Glazed Partition for the terrace doorways</b> in 12mm toughened glass fixed in 19" thk. Commercial plywood frame with 18" panel on top and 4' frosted film below	175	sq.ft
20	Providing and fixing <b>Sliding door (specs)</b>	160	sq.ft

21	Providing & fixing 3" thk. <b>Partition in classrooms, labs</b> using 19 mm thk. Commercial plywood frame at 2' c-c distance, covered using 6mm thk BWR plywood and 4mm thk MDF boards on both sides, finished in acrylic emulsion paint on both sides from approved manufacturer of desired colour shade	800	sq.ft
22	Providing and fixing <b>side table in the computer labs</b> , using 19mm thk. Commercial plywood for top, sides, finished in 1mm thk laminate externally and French polish internally, provided with two drawers of 4" ht on telescopic channels and openable shutters below drawers finished in laminate externally and French polish internally with 1 shelf inside of 19mm thk. Commercial plywood with necessary hardware like locks, magnets, etc., complete.	15	rft
23	Providing and fixing <b>C-type Conference table in Conference room</b> , using 6mm thk glass for top, 19mm thk Commercial plywood frame finished in French polish externally and internally, compete with all necessary hardware of approved make	40	rft
24	Providing and fixing <b>Low ht storage in the conference room</b> , made using 19mm thk. Commercial plywood for top, sides, front, bottom, and 6mm thk Commercial plywood used for back, provided with 1 shelf in 19mm thk. Commercial plywood inside, storage finished in 1mm thk laminate externally and French polish internally, complete with all necessary hardware of approved make	32	rft
25	Tables in Commercial ply 18mm thk , one drawer on one side, all finished with laminate externally and internally with French polish, complete as per design (spec)	132	rft
26	Soft boards with 12mm Commercial ply covered with fabric as per design	300	sq.ft

C.	<b>DOOR WORK</b>		
27	Providing and fixing glazed doors in the reception area with 6mm thk clear glass and 6mm thk Commercial plywood frame finished in Laminate with all necessary hardware like door lock, door closer, handle, etc. complete	42	sq.ft
28	Providing and fixing glazed door with 6mm thk clear glass with all necessary hardware like door lock, door closer, handle.etc complete	240	sq.ft
D.	<b>FALSE CEILING</b>		
29	Providing and fixing <b>Grid false ceiling in labs, classroom, conference room</b> Providing & fixing 600 x 600 lay-in type plain perforated metal false ceiling of Armstrong make installed complete in all respect as per specifications; including cut-outs for lights, HVAC & other services	3600	sq.ft
30	Providing and fixing <b>Ceiling in Gypboard for reception area</b> including cut-outs for lights, HVAC & other services of approved make	465	sq.ft
31	Providing and fixng <b>decorative false ceiling in the reception area</b> in the in CNC jali painted in Duco paint as per design	108	sq.ft
32	Providing and fixng <b>decorative false ceiling in passageway</b> in CNC jali painted in Duco paint as per design	108	sq.ft
E.	<b>PAINTING</b>		
33	Acrylic Emulsion: Providing & applying Acrylic Emulson paint from approved manufacturer of desired colour shade including necessary wall scraping, primer coats 2 coats of paint complete <b>for all partition walls</b>	1100	sq.ft

34	Acrylic Emulsion: Providing & applying Acrylic Emulsion paint from approved manufacturer of desired colour shade including necessary wall scraping, primer coats 2 coats of paint complete <b>for all masonry walls</b>	3700	sq.ft
35	Existing <b>front door</b> repainting finished in Duco paint	42.00	sq.ft
<b>F. READYMADE FURNITURE</b>			
36	<b>Class room desk</b> - with 2'6" x 2'0" and 1" thick prelaminated top, MS Modesty panel and MS frame finished in black paint from approved manufacturer with all necessary hardware	25	nos
37	<b>Computer desk</b> - with 2'3" x 2'0" and 1" thick prelaminated top, MS Modesty panel and MS frame finished in black paint from approved manufacturer with all necessary hardware and provision for wiring	43	nos
38	Presentation screen (rolling) of 6' x 4' size	4	nos
39	White board 8'x 5' size (Alcosine)	5	nos
40	Providing and fixing GT equipment	3	nos
41	Chairs for students	150	nos
42	Chairs for teachers	10	nos
43	Venetian Blinds	250	sq.ft
44	POP on the Existing floor	6103	sq.ft
<b>G. ELECTRICAL WORKS</b>			
<b>H. LIGHTING</b>			
<b>I. NETWORKING</b>			
<b>J. AIR CONDITIONING WORKS</b>			
50	Providing LG make 1.0 TR 3 Star Split AC	Nos	12
51	Installation charges for AC.	Nos	12
52	MS Stand for Outdoor	Nos	12
53	Electrical cable between indoor & Outdoor	Rft	200
54	Copper pipe with insulation	Rft	250

55	PVC Drain pipe	Rft	200

BOQ FOR LIGHTING			
		QTY	Unit
1	<b>600 x 600 fitting 36W LED</b>	75	No
	MS powdercoated downlighter		
	For placement in 598x598 modular ceiling grid		
2	<b>CFL circular downlighter</b>	34	No
	12W LED downlighter		
3	<b>18w Tube light fitting</b>	16	Nos.
4	wall fan 24"	2	nos
5	48" Ceiling fan	2	Nos.

BOQ FOR Networking Works			
S NO	DESCRIPTION	QTY	Unit
10.28	<b>Data socket</b>	60	No
	Cat 6 Data socket with metal box, cover plate, termination of cable etc, complete		
10.29	<b>Telephone socket</b>	18	No

	Cat 6 Data socket with metal box, cover plate, termination of cable etc, complete		
10.30	<b>24 Port loaded patch panel</b>	4	No
10.31	<b>CAT 6 Telephone cable</b>	2430	Rft
	Including laying in raceways and termination at both ends		
10.32	<b>CAT 6 Data cable</b>	8100	Rft
	Including laying in raceways and termination at both ends		
10.33	<b>CAT 6 patch cord</b>		
	7 feet length	78	No
	3feet length	78	nos
10.34	<b>27U floor mounted server rack</b>	1	No
	including all accessories ,cooling fan,power strip etc		

BOQ For Electrical Works			
		QTY	Unit
<b>10</b>	<b>ELECTRICAL</b>		
10.1	<b>Primary points</b>	62	No
	Point wiring for primary points using 3 x 2.5 Sq.mm. Copper FR LS wires of polycab make		
	To include all labour and material including wires, conduits of Precision make, bends, tees, junctions, clamps, etc, complete		
	Including Anchor roma 5A switch socket, concealed metal box etc		
10.2	Fan Point including electronic regulator wiring as per Above	2	no
10.3	<b>Secondary points</b>	63	No
	Looping from primary point onwards		
	using 3 x 1.5 Sq.mm. Copper FR LS wires of polycab make		
	To include all labour and material including wires, conduits of Precision make, bends, tees, junctions, clamps, etc, complete		
	Average Length 5 Mtrs		
10.4	<b>Main circuit to Primary point</b>	200	Rmt

	2x2.5 Sq. mm., 1x2.5 Sq. mm, copper multistrand wire of Polycab make FR LS type		
	To include all labour and material including wires, conduits of Precision make, bends, tees, junctions, clamps, etc, complete		
	Can be used in place of 10.1 for non-average lengths		
10.5	<b>Circuit wiring for secondary points</b>	75	Rmt
	2x1.5 Sq. mm., 1x1.5 Sq. mm, copper multistrand wire of Polycab make FR LS type		
	To include all labour and material including wires, conduits of Precision make, bends, tees, junctions, clamps, etc, complete		
	Can be used in place of 10.2 for non-average lengths		
10.6	<b>UPS power points for workstations and cabins</b>	59	No
	2 x 6A sockets of Legrand / Anchor make		
	1 x 6A switches of Legrand / Anchor make		
	Including connections between switches and sockets, plates, metal boxes as necessary		
10.7	<b>Raw power wiring for computers for workstations and cabins</b>	59	No

	1 x 6A sockets of Legrand / Anchor make		
	1 x 6A switches of Legrand / Anchor make		
	Including connections between switches and sockets, plates, metal boxes as necessary		
10.8	<b>16A power points (Raw / UPS)</b>	26	No
	1 x 16A sockets of Legrand / Anchor make		
	1 x 16A switches of Legrand / Anchor make		
	Including connections between switches and sockets, plates, metal boxes as necessary		
10.9	<b>4 Sq. mm. circuit wiring</b>	533	Rmt
	2x4 Sq. mm., 1x4 Sq. mm, copper multistrand wire of Polycab make FR LS type		
	To include all labour and material including wires, conduits of Precision make, bends, tees, junctions, clamps, etc, complete		
	Can be routed through floor raceways		
10.10	<b>2.5 Sq. mm. circuit wiring</b>	947	Rmt
	2x2.5 Sq. mm., 1x2.5 Sq. mm, copper multistrand wire of Polycab make FR LS type		
	Can be routed through floor existing raceways		

10.11	25mm PVC Pipe in ceiling for ups.raw and Data point.all accessories are including	850	Rmt	
10.22	<b>16 Way SPN DB(UPS DB)</b>	1	No	
	40 A DP MCB + ELCB 100mA Incomer			
	12 Nos. 20/16 A SP MCBs as outgoing			
10.23	<b>8 Way TPN DB(Lighting and raw power DB)</b>	1	No.	
	63A FP RCBO 100mA Incomer			
	24 Nos. 20/16 A SP MCBs as outgoing			
10.24	<b>4 Way TPN MCCB DB(Main DB)</b>	1	No.	
	125A FP MCCB 16kA-1Nos.			
	40A TP MCB-1nos for UPS,32A TP MCB-1nos.,63A TP MCB-1nos.			
10.25	<b>4 Way TPN MCB DB(AC DB)</b>	1	Nos.	
	32A FP MCB+ELCB 100mA-1Nos.			
	12 Nos. 20/16 A SP MCBs as outgoing			
10.26	<b>MCCB</b>	2	No	
	40A TPN MCB in enclosure			
10.27	<b>Supply and installation of the following cables</b>			
	3.5C x50 sq mm AL XLPE Cable	100	Rmt	
	4C X 6 sq mm YWY Cable	25	Rmt	
	3C X 6 sq mm YWY Cable	25	Rmt	
	4C X 16 sq mm YWY Cable	25	Rmt	
	1cx 6 sqmm cu flex cable	90	Rmt	

10.28	<b>Supplying and making end terminal joints to the following PVC insulated armoured/unarmoured overall sheathed copper/aluminium conductor cables using nickel plated double compression brass cable glands</b>		
	3.5C x 50 sq mm AL XLPE Cable	2	Nos.
	4C X 6 sq mm YWY Cable	2	Nos.
	3C X 6 sq mm YWY Cable	4	Nos.
	4C X 16 sq mm YWY Cable	2	Nos.
10.29	<b>Earthing</b>		
	8 SWG hard drawn bare copper wire	0	Rmt
	12 SWG hard drawn bare copper wire	150	Rmt
	Earth Station with 600 mm x 600mm x 3 Cu Plate - salt,Charcoal, watering pipe, test link, Chamber & Heavy duty frame and cover etc per I.S.Specifications.	2	Nos
	Earthing busbar size of 50x 6 mm GI (for earth terminal)	1	Nos
	25 X 3 mm GI Strip	50	Rmt
10.30	<b>Temporary arrangement for lighting and power</b>	1	No
	Including ELCB for power and lighting		

	Fluoscerent lamp fixtures for adequate lighting for working throughout the night		
	CDMT - Metal halide lights for temporary lighting		
	Power sockets and switches with boards adequately placed around the entire site		
	To be maintained throughout the construction period		
10.31	<b>HDMI cable 10 Mtr for projector / TV</b>	2	No
	Including concealed 50mm conduit		