

Name of Work: Composite work for Renovation of Gymnasium at CIRT Pune for IIM Nagpur campus at CIRT Pune (2nd call)



IIM NAGPUR

Part-II- Price Bid (To be submitted in Separate sealed envelope)

Bidder Name						
Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
Part A CIVIL WORK						
1	Providing and laying matt finish ceramic tiles of having size 30cmx30cm confirming to I.S.15622/2006(group D II-A)and 7 to 8mm thick for flooring in required position laid on a bed of 1:4 cement mortar including cement float,filling joint with white/colour cement slurry cleaning curing etc. complete	9	Sq.m			
2	Providing and laying ceramic tiles having size 30 cm. x 45 cm. confirming to corresponding I.S. for dado and skirting in required position with ready made adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/ colour cement slurry cleaning curing etc. complete	35	Sq.m			
3	Providing and laying Vitrified mirror/glossy finish having decorative type of size 590 millimeter to 605 millimeter x590 millimeter to 605 millimeter of 8 to10 millimeter thickness (on a existing flooring)with bonding chemical and confirming to IS15622-2006(GroupBla) of approved make shade and pattern for flooring in required position laid on a bed of bonding chemical filling joints curing and cleaning etc.complete	107	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
4	Providing and laying Vitrified mirror/glossy finish having decorative type of size 590 millimeter to 605 millimeter x590 millimeter to 605 millimeter of 8 to10 millimeter thickness I and confirming to IS15622-2006(GroupBla) of approved make shade and pattern forskirting in required position fixed in 1:4 cement mortar including chemical filling joints curing and cleaning etc.complete	5	Sq.m			
5	Providing and fixing false ceiling with eco-friendly light-weight calcium silicate tiles of spintone surface texture aerolite make or equivalent of size 595mm x 595mm having 15mm thick densified micro look edge and 100% humidity resistance incombustible as per BS 46part IV and thermal conductivity 0.043 w/m 0 KC and NRC 0.50 placed in true horizontal level suspended grid of size 600x600mm made from hot dipped G.I. steel sections ion silhouette profile, rotary stitched double webbed white with 6mm reveal profile (white/black), wherein, main T runner of size 42mmx14mm between main tee 600mm centertocenter and secondary cross T of size 33x14x0.43mm thick of length 600mm long spaced inter-locked at middle of the first crossed T in each panel to form grid of 1200mmx600mm resting on periphery wall Profile wall section 19mm (7+7) x 19mmx0.40thicknesses and laying false ceiling for services like diffusers grills including cutting, making opening for light fittings, fixtures, , smoke detectors etc., wherever required. Main T runners suspended from ceiling with using G.I. soffit cleats of size 25x35x1.6 mm of required length fixed to the ceiling with 6mm dia and 50mm long dash fastener, 4mm dia G.I. adjustable rods with powder- coated/good quality G.I. level adjustment clips of 35x35x0.8mm spaced	110	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
6	Providing and fixing in position anodised extruded aluminum partitions, partly glazed and partly laminated having frame made out of extruded tubular section of size 40 mm x 60 mm with 12 mm thick three layered flat pressed teak wood particle board bonded with BWP type exterior grade phenol formaldehyde synthetic resin conforming to IS 128231990, laminated on both sides, Novateak or equivalent and 5 mm thick selected quality plain/ float glass panels fixed with aluminum glass clips 12 mm x 12 mm and rubber cushioning beading to glass partitions as per approved drawing etc. complete	18	Sq.m			
7	Providing and fixing in position extruded aluminium partitions having frame made out of extruded tubular section of size 65 mm x 40 mm with 12 mm thick three layered flat pressed teak wood particle board bonded with BWP type exterior grade phenol formaldehyde synthetic resin conforming to IS 129231990, laminated on both sides, Novateak or equivalent with aluminium glazing clips of size 12 mm x 12 mm (conical) as per drawing etc. complete.	25	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
8	Providing and fixing in position, Single shuttered aluminium extruded powder coated openable door of overall size 0.90 m x 2.40 m with aluminium door frame of powder coated section 101.60 x 44.75mm , 3.18 mm thick and shutter comprising of powder coated section having bottom and lock rail of size 150 mm x 44.5 mm x 3.00 mm thick top rails 47.62 x 44.45 mm x 3.00 mm thick , vertical style 47.62 x 44.45 mm, 3.00 mm thick and for shutter plain glass panes 5 mm thick for top panels and 12mm thick both side laminated phenol bonded particle board panels for bottom panels etc. , I.S.I. mark , heavy duty, Hydraulic floor spring of 150Kilogramcapacity , having heavy duty concealed lock, necessary beading, glazing clips, PVC gaskets, 250mm length tower bolts, 150mm diam. pad handle, etc. as per detailed design and drawing or as directed by engineer in charge including all materials , labours, and equipment etc.Complete	5	Sq.m			
9	Providing and applying washable oil-bound distemper of approved colour and shade to old and new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) etc. complete.	135	Sq.m			
10	Scraping out old white wash/OBD, Paint, colour wash by brushing and or scraping by sand paper and preparing the wall surface smooth including necessary repairs to scratches etc complete .Spec. No. As directed by Engineer-in-charge.	135	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
11	Removing doors and windows with frames and stacking the materials as directed with all leads,lifts etc. complete	4	Number			
12	Removing ventilators and small windows with frame and stacking the materials with all leads,lifts etc.complete.	2	Number			
13	Dismantling brick masonry in lime or cement mortar and stacking the materils as directed with all leads, lifts etc.	1	Cu.m			
14	Removing urinal pans or washhand basins with frame including disconnecting the sanitary and watersupply connections,r emoving the same carefully and stacking the serviceable materials as and where directed including throwing the unserviceable materials outside etc complete	2	Number			
15	Removing W.C.pans including disconnecting the sanitary and water supply connections,removing and breaking flooring and bedcon-crete around pan removing the same carefully and stacking the serviceable materials as adn where directed including throwing the unserviceable materiasls outside etc.carefully and throwing out the refusal outside etc. complete.	2	Number			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
16	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	1	Cu.m			
17	Providing and fixing European type white glazed earthenware water closet pan with UPVC seat and lid with chromium plated brass hinges and rubber buffers including UPVC and vent pipe up to the outside face of wall without flushing cistern with flush cock and with water Jet and necessary fittings including cutting and making good to the walls and floors testing etc. complete.(prior approval of sample and brand by Ex. Engineer is necessary before use	2	Number			
18	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with flush cock with fittings,standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with flush clock	1	Number			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
19	Providing and fixing white glazed earthenware Wash Hand Basin of 55cm. x 40 cm. size including cold water pillar tap/cold and hot water pillar tap brackets, rubber plugs and brass chain, stop tap and necessary pipe connections including P.V.C. waste pipe and trap up to the outside face of the wall. Making good the damaged surface, testing etc. complete.	2	Number			
20	Providing and fixing 450mm x 550mm size superior type Belgium mirror with 16mm dia. nickel plated towel rod etc. complete.	2	Number			
21	Providing and fixing chromium plated towel rod 16 mm dia and 75 cm. in length including all accessories complete.	2	Number			
22	Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in CIRT store or as directed etc. complete.	10	Rmt			
23	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in CIRT store or as directed etc. complete.	10	Rmt			
24	Providing and fixing C.P.Two way BIB cock of approved make continental including necessary sockets/union nut,health focuet with 1 meter long pvc tube and wall hook of approved quality of approved make or equivalent. etc. complete	2	No			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
25	Providing and fixing 15 cm rigid PVC Nahani trap including PVC grating ,bend,connectingpiece of UPVC pipe up to the outside face of wall ,making the good damaged surface and testing etc. complete (Prior approval of sample and brand by Ex. Engr. is necessary before use)	4	Number			
26	Providing and preparing kitchen otta up to 75 cm width,made up from 30 mm thick and 75 cm high vertical support for kadppa at 1 m. c/c of 25 mm thick both side polished kadappa middle shelf and bottom of 20 mm thick one side polished kadappa with facia patti of 20 x 50 mm kadappa including all material labour cutting fixing with cement mortar and araldite curing polished and cleaning etc. complete.	2	Sq.m			
27	Providing and fixing machine cut mirror polished 18 mm to 20 mm thick telephone black granite / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone floor with full moulding the edges etc. complete .one side polish	2	Sq.m			
28	Providing and fixing stainless steel sink of size 600 x 510 x 200 mm includng coupling, outlet pipe, elbow and other necessary fitting, finishing etc. complete	1	No			
29	Providing and fixing C.P. sink cock with raised J" shaped swinging casted spout ofapproved make including necessary sockets/ union nut etc. complete."	1	No			
30	Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc. complete	1	No			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
31	Providing internal cement plaster 12mm thick in single coat in cement mortar to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.	40	Sq.m			
32	Providing and fixing in position anodised (as per IS 1868/1982) Aluminium fixed staggered (Z Type) Ventilator with aluminium rectangular pipe 63 mm x 38.10 mm x 1.22 mm at weight 0.650 Kilogram/Running metre, Aluminium angle of size 15 mm x 15 mm x 1 mm,aluminium channel of 9 mm sizes, S.S.mosquito net of 304 Grade,4 mm thick float glass per detailed drawing and as directed by Engineer in charge etc.complete.	1	Sq.m			
33	Providing and fixing solid core flush door shutter in double leaf 32 mm thick decorative type of exterior grade as per detailed drawings approved face veneers 3 mm thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock, chromium plated handles on both sides, and finishing with French Polish etc. complete	4	Sq.m			
34	Providing and fixing solid core flush door shutter in single leaf 32 mm thick decorative type of exterior grade as per detailed drawings approved face veneers 3 mm thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock, chromium plated handles on both sides, and finishing with French Polish etc. complete.	6	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
35	Providing and applying two coats of synthetic enamel paint of approved colour to new /old structural steel work and wood work in buildings, including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete.	10	Sq.m			
36	Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to old plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.	200	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
37	<p>Providing and fixing in position Gypsum board false ceiling with 12.5 mm thick Gypsum boards, screwed/fixd to the under structure of suspended G.I. Grid constructed and suspended from the main ceiling consisting of ceiling sections of size 25 x 50 mm maximum center to center distance of 600 milimetre perimeter channel and intermediate channels at maximum center to center distance 1200 milimetre galvanized grid should be fixed to reinforced cement concrete slab. The gypsum board should be fixed to galvanized iron grid with necessary screws. The boards should be taped and filled from underside to give smooth, seamless ceiling. The rate should include necessary additional ceiling sections and intermediate channels. Additional intermediate channels should be fixed to strap hangers for additional support to prevent strapping at every 1200 milimetre item to be completed in all respect including necessary sleeves for ducts finishing of joints cut outs, painting including labour, material, lifts etc. all complete.</p>	2	Sq.m			
38	<p>Removing the coba and disposing of the material as directed etc. complete.</p>	125	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
39	<p>Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M.1:5 admixed with approved water proofing compound filling up to half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M.1:3 admixed with approved water proofing compound and finally top finishing with average 20 mm. thick layers of same mortar added with jute fiber at 1Kilogramper bag including finishing the surface smooth with cement slurry admixed with approved water proofing compound. Marking finished surface with false squares of 300mm x 300 mm. making the junctions at the parapet rounded and tapered top for required height, with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leakproofness on Court fee stamp paper of Rs. 100/- including ponding test etc. complete</p>	125	Sq.m			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
40	<p>Providing and fixing of sliding channel Green ceramic chalk board of desired size. Rear panel of (green board) is fixed on back side of aluminium channel and 2 panels of desired size (green board) run on front Aluminium Sliding channels duly powder coated frame and L-type clamps or wooden battren at base and corners complete. Ceramic board shall have to move smoothly in sliding window channel. The board with backing of 9 mm thick particle board on the back and ceramic sheet on the front. Pasting of sheets will be done through HOT POWER PRESS MACHINE of 200 Tonne capacity for anti-bubble and bending. Minimum 10 years of warranty ceramic sheet writing surface The surface should be resistant of scratch, bacteria, chemical and fire. It should not combust or release toxic fumes in the event of fire. It should have adequate roughness properties to have noiseless and good quality writing ability. (Aluminium section -Jindal, Hindalco, Indalco) (Product of Alkosign or any other equivalent product) Thickness of three track Aluminium sliding section is 1.5 mm & Colour for powder coating is Black matt finish or as per direction of Engineer in charge.</p>	6	Sq.m			
Total of Civil work (A)						

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
Part B (ELECTRICAL WORK)						
1	Supplying and erecting regular/ standard model ceiling fan of 1400mm. sweep complete erected in position.	7	Each			
2	Supplying and erecting fresh air cum exhaust fan of light duty 250 V A.C. 50 cycles 300mm. 1400 RPM rust proof body & blades, wire mesh, duly erected in an approved manner.	2	Each			
3	Supplying & fixing anchor type fastener fan hook, with 2 nos. of 10 mm dia x 75 mm long with necessary materials for ceiling fan.	7	Each			
4	Supplying and erecting 'B' grade G.I. pipe / M.S. pipe down rod duly painted for fan complete erected with PVC three core flexible cable 1 sq. mm copper PVC wire.	3	mtr			
5	Supplying and erecting electronic type step regulator for ceiling fan 600/ 900/ 1200/ 1400 mm. sweep, complete erected on provided switch board.	7	Each			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
	FITTINGS/LIGHT FIXTURE					
6	Supplying and erecting square shaped CRCA /die-cast aluminium powder coated housing LED panel light (slim edge-lit) suitable for 9 W - 12 W with provision for plane front frame with translucent cover fixed to the housing complete.	25	Each			
7	Supplying & erecting pre-wired box type fitting/batten suitable for 4 feet, T5 LED tube light	10	Each			
8	Supplying and erecting LED street light fitting suitable above 26W to 36W lamp, including lamp, with PF > 0.95 class IP 65 and above housing of pressure die cast aluminium alloy and heat sink extruded aluminium complete .	2	Each			
9	Supplying and erecting Street light bracket made from 25 mm. dia 'B' class G.I. Pipe, 0.6 m in length along with pole cap of 300 mm length and 80 mm dia duly welded with provided leads.	2	Each			
	Wiring					
10	Supplying & erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places.	120	mtr			
11	Supplying & erecting mains with 2x4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places.	50	mtr			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
12	Supplying & erecting mains with 2x6 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places.	20	mtr			
13	Point wiring in for light/fan/bell in 20 mm metal conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire, flush type switch, earthing and required accessories	64	point			
14	Wiring for plug on board with Switch socket concealed type, copper wiring and earthing and with modular accessories	30	point			
15	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 6 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	18	each			
16	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 8 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	8	each			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
17	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	4	each			
18	Supplying and erecting HMS PVC conduit 32 mm dia. with PVC accessories on wall / ceiling as per specification	150	each			
19	Supplying & erecting rigid steel conduit 16 SWG 32 mm dia. with necessary accessories in wall/floor with chiselling appropriately as per specification	70	Mtr			
20	Supplying and erecting UPVC reinforced flexible conduit 31/32 mm in dia. conforming to I.S. with required number of couplings, PVC bushes, check nuts etc. complete.	50	Mtr			
	IC / MC Distribution Boards					
21	Supplying and erecting single pole and neutral distribution board (SPNDB) with door surface/flush mounted with 2 poles for incoming and 10 poles for outgoing SP MCB's on iron/ GI frame as per specification	1	each			
22	Providing, erecting and commissioning 2 pole RCCB only of electromagnetic type with 30/100/300 mA sensitivity and having capacity of 40A complete as per specification no.	1	each			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
23	Supplying, erecting & marking SPMCB 6A to 32A, C-series (for motor/power) in provided distribution board as per specification no.	4	each			
24	Supplying, erecting & marking SPMCB 6A to 32A, B-series (for lighting) in provided distribution board as per specification no.	6	each			
25	Supplying and erecting blanking plate of suitable size on MCB DB complete.	5	each			
26	Supplying and erecting static energy meter with 240V 50 Hz. AC supply 10 to 60 A, ISI mark, accuracy class 1.0 with backlit LCD display, (measuring and display kWh, V, I, kW, six month history of energy and MD in kVA) with transparent hinge type box complete erected on polished teak wood board duly wired with required size of weather proof PVC wires duly tested by electric supply company.	1	each			
27	Single Phase Modular AC Box With Mini 25 A MCB protected Socket	4	each			
	AC Re-Installation					
28	Reinstallation of existing Split AC (Indoor and outdoor unit) with copper pipe connection, Electrical wiring, drain pipe connection etc. complete as required.	4	each			
29	Leakage testing with Refrigerant Gas filling/ gas charging and commissioning – R410/R32 (for top up).	4	each			

Sr.no	Particulars	QTY	Unit	Rate in figure	Rate in Words	Amount (Rs.)
30	UPVC drain Piping of following sizes with adequate supports as per specifications and instructions of Engineer-in charge.(a) 25 mm dia (Plasto, Finolex,Supreme)	8	Mtr			
	Dismantling					
31	Dismantling the existing light, fan, bell, clock, independent plug point, wiring including circuit mains of all types along with accessories etc. complete as per specification	100	point			
32	Dismantling of existing fluorescent fittings of any type & size	20	Each			
33	Dismantling the existing ceiling fan /exhaust fan / cabin fan / bracket fan complete with accessories, G.I. down rod, frame etc. and making the site clear.	20	Each			
Total Amount of Electrical work (B)						

Sr.no	Particulars	Amount
1	Total of Civil work (A)	
2	Total of Electrical work (B)	
	Total Amount (A + B)	
	ADD % GST & Amount	
	Grand Total	

Note:

- 1.All rates are to be quoted excluding the GST applicable. The GST will be paid in addition to the total amount payable.
- 2.The above quantity may vary as per actual requirement of Site.
- 3.L-1 will be decided on Base price Sr. No-3