

**INSTITUTE FOR PLASMA RESEARCH**  
NEAR INDIRA BRIDGE, BHAT, GANDHINAGAR -382 428 (INDIA)

**PART - I : FINANCIAL BID**

Name of work: Tender for Miscellaneous civil works at IPR campus, Bhat, Gandhinagar - 382 428

IPR TENDER Notice No : IPR/TN/CIVIL/02/2020 dated 2nd March 2020 (Two Bid System)

From

NAME OF THE CONTRACTOR :

Offer no & date:

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
	<b>Note : 1)For more detailed description of any material or item contained in the BOQ, please refer Part-II technical bid. If the detailed specs for a particular item is not contained in the Part-II technical bid, the description given in the BOQ shall have to be referred. 2) All items mentioned in the tender shall be executed as per the instruction and direction of Engineer-in-charge.</b>				
1	Excavation in all sorts of the soils up to depth as mentioned below for any works i.e. foundation, over areas etc. including shoring, strutting and dewatering if required, dressing of sides, trimming and ramming bottom including refilling the excavated earth in plinth/ foundation trenches / Disposing the additional excavated earth inside campus including watering, compacting in layers not exceeding 150 mm to 200 mm thick etc. complete as per specification and as directed by the Engineer-in-charge. i. Excavation up to 1.50 Mt depth Note: No extra payment shall be made for cleaning of mud due to rain, disposing the additional excavated earth inside Campus. The contractor	Cum	155.00		0.00
2	Extra for Excavation over areas/ Foundation & Trenches in ALL KINDS OF SOIL for each additional in depth of 1.5m or Part thereof over initial depth of 1.5m as per specification and as directed by Engineer-in-charge. (Extra over item No -1)	Cum	3.50		0.00
3	SURFACE DRESSING of the ground IN ALL KINDS OF SOIL including removing vegetation and inequalities not exceeding 15cm depth including watering, ramming of bottom, rolling, getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 150 meter complete as per specification and as directed by the Engineer-in-charge. (Disposed soil to be levelled by breaking clods if any and neatly dressed).	Sqm	170.00		0.00
4	Earth filling with available earth at optimum moisture content in layers not exceeding 20cms in thickness consolidating each layer by ramming in dovetail sections using frog rammer / surface vibrator, watering and finishing to required slope with all lifts and lead etc. completed as per specification and as directed by the Engineer-in-charge. (Compacted earth shall be measured for payment. This item shall be measured and paid only if contractor is instructed to carry out the mechanical compaction. Normal back filling has been included under item No. 1, 2 and 3 only.	Cum	40.00		0.00

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
5	Supplying and filling in plinth with RIVER SAND in layers not exceeding 15cms in depth consolidating each deposited layer by ramming thoroughly, watering and dressing etc. for all leads and lifts etc. complete as per specification and as per specification and as directed by the Engineer-in-charge.	Cum	1.00		0.00
6	Disposal of excavated earth and / or debris up to a lead as mentioned below by mechanical transport including loading, unloading and stacking etc., complete all as per specifications. The disposable items are to be dumped on places as directed by the Engineer-in-charge and as per local regulations. - 5 Km lead (This item shall be measured and paid only if contractor is instructed to dispose surplus excavated earth outside	Cum	20.00		0.00
7	Providing and laying Bricks masonry works using common burnt clay conventional building bricks confirming to IS 1077-1986 of having crushing strength not less than 35 Kg/cm <sup>2</sup> . in foundation and plinth, in CM 1:6 (1 cement :6 find sand), in any shape & all depth, including curing, scaffolding, racking / flush jointing, roughing of the existing	Cum	27.50		0.00
8	Providing and laying Bricks masonry works using common burnt clay conventional building bricks confirming to IS 1077-1986 of having crushing strength not less than 35 Kg/cm <sup>2</sup> . in super structure up to height of 5.00 Mt from plinth, in CM 1:6 (1 cement :6 find sand), in any shape & all depth, including curing, scaffolding, racking / flush jointing, roughing of the existing surface, making of "Key" removing of plaster etc. complete	Cum	8.00		0.00
9	Providing and Constructing Random Rubble Masonry for retaining wall including loading, unloading, transporting and laying old stone (Stone available with Institute shall be used.) in CM 1:6 including providing and laying bond stone per every 0.50 square meter surface area of wall (Bond stone of size 230 mm x 230 mm up to full thickness of wall in RCC 1:1.5:3 with Reinforcement steel of 8 mm dia bars Four nos. & Rings of 8 mm dia at 200 mm c/c including necessary form work) necessary dressing of stone for corner and end walls, scaffolding, racking out joints for pointing, flush Joint on the unexposed surface cleaning with wire brush, providing of expansion joint at every change of level and direction and 25 mts in linear, curing , pockets for fencing posts for superstructure above plinth level up to 5 meters height from plinth for compound wall retaining	Cum	1.75		0.00
10	Providing and laying Cement Concrete 1:4:8 (1 cement : 4 coarse river sand : 8 stone aggregates using 40/20mm nominal size graded hard granite / black trap stone aggregate obtained from quarry) including compaction, finishing top surface to the level, curing, including cost of formwork etc. complete as directed by the Engineer-in-charge. In	Cum	6.50		0.00
11	Providing and laying Cement Concrete 1:3:6 (1 cement : 3 coarse river sand : 6 stone aggregates using 20mm nominal size graded hard granite / black trap stone aggregate obtained from quarry) including compaction, finishing top surface to the level, curing, including cost of formwork etc. complete as per specification and as directed by the Engineer-in-charge.	Cum	3.50		0.00

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
12	Providing & laying in position Reinforced Cement Concrete at all lead and level up to and below highest plinth level and for super structure up to height of 5.00 Mt in volumetric proportion 1:1.5:3 (1 cement :1.5 course sand : 3 Graded stone aggregate) for Reinforced cement concrete structural elements, of any shape and size viz. Foundation, beams, columns, pockets, slabs, slab on ground, raft, floor plinth beams, window sills, coping, vatas, lintel, walls, in any shape as per structural design using 20 mm maximum size aggregates obtained from approved quarry including, all lift and lead as specified including machine mixing, placing, compacting, vibrating, finishing the top surface to the required line level/slope, immediate finish of concrete etc., making key with the existing wall, column etc. complete as per specification and as directed by	Cum	9.00		0.00
13	Providing and erecting rigid and water tight centering and shuttering form work using best quality wooden planks / plywood sheets steel centering plates including, strutting propping, bracing, staging, etc., complete as per specification and for RCC items fixed in position for all concrete elements vertical, horizontal or inclined in all shapes at any level below and above plinth including necessary Scaffolding, fastener nails, wires keeping in position till concrete is laid and keeping in position concrete members have acquired required strength, removal thereafter including providing and applying shuttering oil etc. complete as per specification and as directed by Engineer in charge for column foundations, pedestals, wall footings, beams, grade slabs, coping, cable trenches etc. at any height or level up to and below highest plinth level	Sqm	39.50		0.00
14	Supplying, fabricating and fixing in position TMT reinforcement bars Fe-500 D conforming to IS-1786 - 2008 reinforcement for RCC structures / items as per design including transporting steel to the work site, handling, decoiling, cutting, bending, cranking, fabricating to required shape, placing in position and tying / binding the system with 18 gauge (with two strands) wires, welding if necessary etc. for all floors / all levels / all heights complete as per specifications and as directions by the Engineer-in-charge. Measurement will be made on the length basis and converted into weight by using standard co-efficient (rolling margin's and wastage shall not be paid). The quoted rate should be inclusive the cost of Binding wire	Kg	760.00		0.00
15	Supplying, fabricating, assembling, hoisting /erecting and fixing in position at all heights and with all leads Structural Steel works for Plates for all structural members and as per the detailed specifications including straightening, cutting of components in required size and shapes and profiles, smooth machining of edges/faces, welding (electric arc welding), hoisting, drilling, fixing in position, bolting wherever necessary, grouting in the RCC members including painting all the sections with one coat of zinc chromate primer and applying two coat of enamel paint "Asian / Berger/ Nerolac / ICI /Dulux" including preparing the surface etc., complete at any heights/levels all as per instructions, specifications and as directed by Engineer - in - Charge (only standard measurements will be paid) Note : <input type="checkbox"/> The fabrication work shall be confirm IS standard <input type="checkbox"/> The quoted rates should be inclusive of the all materials, labours, one coat of primer, two coats of enamel paint/aluminum paint, welding rods for all structural sections, bolts, washers, etc.	Kg	110.00		0.00
16	.-Do- as per above item No 15 but using <b>Angle, Flat, Channel etc</b>	Kg	875.00		0.00
17	.-Do- as per above item No 15 but using <b>plates including chamfering at edges etc</b>	Kg	425.00		0.00

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
18	<p>Providing, fabricating, assembling, hosting / erecting and fixing in position at all heights / all levels / all floors / all shapes and sizes with all leads and lifts structural steel works including Frame work for supporting and erection of the aluminum grill etc. made from "Tata, Asian, and Jindal" tubular sections as per IS 1161(round hollow sections) or box sections (square, rectangular hollow sections as per IS 4923) as per detailed drawing and design including cutting, wastage, welding, bending (shop at site), hoisting, drilling, fixing in position, bolting wherever necessary, in position welding of required lengths, gridding, finishing edges, filling the welded spots with paint, grouting in the RCC members members including painting all the sections with one coat of zinc chromate primer and applying two coat of enamel paint "Asian / Berger/ Nerolac / ICI /Dulux" including preparing the surface etc., complete at any heights/levels all as per instructions, specifications and as directed by Engineer - in - Charge (only standard measurements will be paid)</p> <p>Note :</p> <p><input type="checkbox"/> The fabrication work shall be confirm IS standard</p> <p><input type="checkbox"/> The quoted rates should be inclusive of the all materials, labours, one coat of primer, two coats of enamel paint/aluminum paint, welding rods</p>	Kg	4200.00		0.00
19	<p><del>Do- as per above item No 18 but for Railing modification works for hostel, guest house, student facility and married student hostel etc</del></p>	Kg	4000.00		0.00
20	<p>Labour charges for cutting and removing of old perforated MS grill including framing members like flat, pipe etc. with necessary grinding of the surface, preparing the surface to receive new railing members, stacking of removed material inside campus at space shown, shifting to</p>	Sqm	130.00		0.00
21	<p>Providing and laying Hard stone of size 250 x 250 mm x 50 mm thick to be grouted inside cement concrete flooring etc. complete as per specification and at all leads, lifts and height etc as directed by Engineer-</p>	No	1.00		0.00
22	<p>Providing &amp; laying in position Tre-Mix Reinforced Cement Concrete broom finish/smooth finish pavement for plinth protection/CC Road/cricket road 75 -150 mm. thick with in volumetric proportion 1:1:2 (1 cement :1 course sand : 2 Graded stone aggregate) including giving a floating coat of 1:1 cement mortar, with nominal temperature steel, tie bar, dowel bar as per MORTH specifications of section -6 &amp; / or steel fibres / PP fibres etc. complete.as specified by the Engineer-in-charge. The rate shall be exclusive of reinforcement steel, dowel bar and steel / PP fibres (if required). The same shall be paid in relevant tender items. Rate shall be inclusive of concrete (to be laid in alternate panels size shall be appr 3.5mt X 5.0mt ) with fair finished steel channel formwork, saw cutting of construction &amp; contraction joints in width 3 to 5 mm x 1/4 to 1/3 thickness of pavement, filling the 25mm x 20 mm (BXD) expansion joint approximately at every 30 mt with readymix bituminous filler of Shalimar tar products or equivalent as per sample approved &amp; directed by engineer incharge etc complete as per specification and as directed by Engineer-in-charge, including the cost of all as stated but excluding centering / shuttering and reinforcement.</p> <p>i) In vacuum dewatering concrete</p> <p>NOTE</p> <p>1. The RCC road concrete shall be leveled by using surface / skid vibrator.</p> <p>2. The work includes removing excess water by using vacuum dewatering</p>	Cum	4.50		0.00

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
23	Extra for carrying out vacuum dewatering in floor, well compacted, mechanically vibrated, finished to reqd lvls, floated with neat cement & power trowelled to get desired finish (smooth/broom), over a levelling course, incl. MS shuttering, curing for 7 days etc complete. The reinforcement for Tremix floor to be installed as shown, the suitable size of panel should be 3.5x20.0 m or as directed by Er. The Contraction/sawed joints to be formed at every 5m distance by grooving with mechanical saw within 48 hrs. Groove sawed joints of 5 mm width & 25 mm min depth (1/3 rd depth of the pavement) as shown in the drg & operation should be carried out as soon as conc. is ready to accept the saw cut w/o trowelling etc as directed by Er-in-charge. The joints should be filled with bitumen sealant for road & PU sealant-6X6 mm for floor pavement with backer rod of adequate size. The construction joint is formed by square edge & painted with bitumen. The rate shall be incl. of	Sqm	40.00		0.00
24	Providing and fixing Dholpur stone cladding and flooring with (15 - 20 mm thick for cladding and 25-30 mm thick for flooring) rough stone of required colour and shade with machine cut edges and cut to required size laid over a base of 30 mm bedding / 12 mm thick cement plaster in C.M. 1:4, cement slurry at 4.4 kg / sqm, vertically close jointed, horizontal grooves between two layers and pointed with cement slurry mixed with approved colour pigment to match the shade of the stone, finishing etc. to	Sqm	13.00		0.00
25	Providing and laying average 15 mm. thick single coat smooth finishing using steel float (mala finish) plaster in CM 1:4 (1 cement : 4 coarse river sand), on brickwork / RCC work / blocks / sills / soffits / jambs at all floors / all levels / all heights / all shapes and for all sizes with necessary scaffolding, curing, chicken mesh at the junction of masonry & RCC work using screw / dhoba nails (Mesh will be paid under respective item), making moulded, grooves, drip moulds, tapak etc., for all lead, lift, height and levels etc. complete as per specification and as directed by the	Sqm	50.00		0.00
26	Providing and applying 20mm thick sand faced plaster (Using Wooden Gutka/Float) to all external surfaces at all levels and in any shape, in two coats, 12 mm thick average base coat in cement mortar 1:5 and 8mm thick finish coat in cement mortar 1:2 using fine sand for finish coat, including preparation of surface to uniform texture, staging, double scaffolding, curing, chicken mesh at the junction of masonry & RCC work using screw / dhoba nails (Mesh will be paid under respective item), making moulded, grooves, drip moulds, tapak etc., for all lead, lift, height and levels etc. complete as per specification and as directed by the Engineer	Sqm	95.50		0.00
27	Providing and applying Sunken/Ruled Point to the Stone Masonry in CM 1:3 (1 Cement: 3 Fine Sand) including raking out joints, cleaning with wire brush, curing, finishing neat, scaffolding for all heights and depths above or below the highest plinth level etc complete as per specification and as directed by the Engineer - in - charge.	Sqm	4.00		0.00
28	Providing and fixing GI chicken wire mesh of size 12mm size or 24 gauge at the junction of dissimilar surfaces of brick masonry wall and RCC surfaces (such as columns , beams, coping) including necessary nails / Dhoba for fixing etc. for all lead, lift, height and levels etc., complete as per specification and as directed by the Engineer - in - charge.	Sqm	25.00		0.00

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
29	Providing and applying of Painting internal old painted surface / new plastered surfaces with two or more coats of PREMIUM EMULSION PAINT of approved brand and colour (Asian "Apolite premium emulsion" or Dulux "super clean" or Berger "Rangoli" or equivalent) to give an even shade with required finish over & including cost of a coat of water thinnable cement primer including removing of old paint, scrapping the surfaces using sand papers of appropriate grades, cleaning the surfaces, filling the cracks and crevices with approved filler material (Dr. Fixit Crack X or equivalent) and making extremely smooth surfaces using BIRLA Putty in Two or more coats, making the edges & corners of beams / walls straight & sharp, inline & level with excellent workmanship in surface preparation including scaffolding etc; complete	Sqm	1200.00		0.00
30	Providing and Applying two coats of Synthetic enamel paint on old MS hollow section railing members and plates using 1st quality paint from approved manufacturer "Asian, berger, dulux or equivalent ISI " of approved colour and shade to give an even shade including scaffolding, removing of paint that is soft, blistered, loose or flanking & cleaning old surface, preparing the surface to receive paint including filling cracks and creaves with approved filler materials, applying oil based putty and oil primer coats / anti corrosive metal primer to steel work and cost of paint, thinner, filler, putty, primer and other materials, necessary labours etc. complete as per specification and as directed by Engineer in charge at all heights in all floors. (Surface area of the painted surface MS hollow	Sqm	300.00		0.00
31	Providing and Applying two or more coats of Exterior 100% Acrylic water proof paint including suitable exterior acrylic prime coat using 1st quality paint from approved manufacturer "APEX Ultima Exterior Emulsion - Asian or Weathershield powerflexx paint - Dulux " of approved colour and shade to give an even shade walls, beams, ceilings including scaffolding, cleaning and preparing the surface to receive paint including filling cracks and creaves with approved filler materials and cost of paint, acrylic exterior primer, thinner, filler, other materials, necessary labours	Sqm	120.00		0.00
32	Providing and laying 230mm to 300mm thick (consolidated thickness) black trap rough stone soling using 0.80cum of 230mm stones and 0.25cum of 40mm to 80mm black trap stones and 0.20cum of approved graded gravel per one cum of consolidated soling including hand packing in regular lines, filling interstices, watering, consolidating with power roller including watering, hire charges for road roller, etc.; complete all as per specifications. (Consolidated thickness shall be measured for	Cum	10.00		0.00
33	concrete Hume pipes of approved NP2 class quality including excavation, laying the pipes as per required line, level, slope and drawing, filling the joints with stiff mixture of cement mortar 1:1 (cement 1 : sand 1 ) and jute, curing, testing the pipes and supporting with earth, making holes in wall and finishing of the same for all lead, lift, height, levels etc., complete as per specification and as directed by the Engineer-in-charge.	Rmt	20.00		0.00
34	.-Do- as per above item No 32 but for 300 mm diameter pipe	Rmt	31.00		0.00
35	G.I. Chain Link fencing of size 50 x 50 x 10 G x 10 G with 2 nos of 8 mm dia bars at top and bottom as tie members including cost of all materials required for the work including welding, one coat zinc chromate primer and two coats of Aluminum Paint for all lead, lift, height and levels etc., complete as per specificaiton and as directed by the Engineer - in -	Sqm	57.00		0.00
36	Demolishing R.C.C. work including cutting of bars, cleaning of rust, making the surface rough for proper bonding, disposing off the debris at any leads and lifts, scaffolding etc., for all lead, lift, height and levels etc., complete as per specification and as directed by the Engineer in	Cum	2.00		0.00

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
37	Demolishing brick masonry wall with plaster including making of the "Danta" for proper bonding, disposing off the debris at any leads and lifts, scaffolding etc., for all lead, lift, height and levels etc., complete as per specification and as directed by the Engineer-in-charge.	Cum	2.60		0.00
38	Extra for cutting reinforcement bars in R.C.C or R.B. work (Reinforced area considering 1% reinforcement). NOTE: Rate is cost per sqm of sectional area of the R.C.C Work.	Sqm	1.00		0.00
39	Demolishing P.C.C. work including disposing off the debris at any leads and lifts, scaffolding etc., for all lead, lift, height and levels etc., complete as per specification and as directed by the Engineer-in-charge.	Cum	1.50		0.00
40	Demolishing stone masonry wall with plaster / pointing including making of the "Danta" for proper bonding, disposing off the debris at any leads and lifts, scaffolding etc., for all lead, lift, height and levels etc., complete as per specification and as directed by the Engineer-in-charge.	Cum	1.75		0.00
41	Removing mortar and clean the stones and concrete articles (stacks of cleaned materials will be measured). a) Cement mortar etc.	Cum	1.75		0.00
42	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposing off the debris at any leads and lifts, scaffolding etc., for all lead, lift, height and levels etc., complete as per specification and as directed by the Engineer-in-charge.	Sqm	10.00		0.00
43	Providing and fixing at all heights/in all floors with all leads powder coated / Anodizing (20 microns) best extruded Aluminum sections for <b>partitions / Grill frames</b> manufactured from JINDAL / INDAL or equivalent make confirming to ISI, cut to length, joints mitered and corners grinded with joints water proof the outer frame and shutter frame stiffened with corner angle strips, fixing the frame with masonry and RCC, the frame work fixed with standard approved fastenings all generally as per details shown in drawings and specification with all the section pretreated for removal of any rust and prevention of further rust formation and finished with powder coating / Anodizing of approved shade including cost of fixtures for hinged openings (arrangement with steel bearings wherever necessary), cost of providing and fixing aluminum decorative handles, door fittings like tower bolts, door stopper.	Kg	2050.00		0.00
44	.-Do- as per above item No 43 but for <b>door styles and rails</b> (Aluminum beading and glazing clips required for door measured and paid under this item only) including fittings etc.	Kg	360.00		0.00
45	Providing and fixing at all heights/in all floors with all leads anodized best Aluminum Decorative grills having size 50 mm x 50 mm x 6.0 mm x 4.0 mm thick manufactured from ALUMIGRILLE / DECOGRILLE or equivalent make, cut to length, joints mitered and corners grinded with joints, fixing with "F" / "H" aluminum section inside frame work all as per details shown in drawings and specification with all the section pretreated for removal of any rust and prevention of further rust formation and finished with anodized dull matt finishing 20 MICRON.	Sqm	650.00		0.00
46	Supplying and fixing Chromium plated Brass lock 4 levers 100mm 'Laxmi' or equivalent make, aluminum door lock with two keys, suitable either to single or double leaf shutters including making necessary recess in aluminum frame and fixing the lock with CP. Brass steel screws, etc.;	No	31.00		0.00
47	Providing and Filling of the 40 mm size best quality black trap stone aggregate (loose) obtained from an approved quarry and filled in over areas of switch yard / Electrical sub station with all leads and lift as directed by Engineer-in-charge (Length, breadth and height shall be measured for stacked material or vehicle container. The total quantity so	Cum	341.00		0.00
48	Providing and Fixing of Cast Iron cover of required size and weight "NECO / BIS" including fixing with Cement mortar 1:3, raising if required complete at all leads and lifts as directed by Engineer-in-charge.	Kg	168.00		0.00

Sr. No.	Description of Work	Unit	Total quantity	Rate (in Rs.)	Amount (in Rs.)
49	Providing and Constructing Inspection Chamber, of clear size 900x900x1200 mm depth, as shown and mentioned in the drawings, curing, scaffolding, all as per followings, # Excavation including back filling and disposing of surplus excavated earth of size 1.70 Mt x 1.70 Mt # P/ Laying 150 mm thick Plain Cement Concrete in CC 1: 4: 8 for foundation trenches, flooring and haunching of size 1.70 Mt x 1.70 Mt # Providing and Constructing Brick masonry in CM 1:5 in foundation 230 mm thick. # P/ Laying (P/L) 150 mm thick Reinforced Cement Concrete in CC 1: 2: 4 for slab and coping at Ground level. # P/L centering and shuttering for RCC. # P/Fabricating/laying high yield strength deformed bars 8 mm dia 100 mm c/c both ways including extra at cover. # P/L 12 mm thick Water proof plaster in CM 1:3 inside, outside and top exposed surface, internal bottom, chamfering etc. # P/Fixing Cast iron covers with frame of size 600x600 mm having 75 Kg wight in CM 1:3. # P/Laying proper inlet and outlet connection.	No	2.00		0.00
50	Modification of the Single Door shutters of overall size 1100x 2400 mm (Approximate), - 1 x 1100 x 400 mm partly fixed Glazed panel and - 1 x 1100 x 2000 mm - open able shutters (Paneled and Glazed) welded with MS hinges to reduce height of the door including removing of the old glazed panels, cutting of the existing MS angle and flat horizontal member, welding of the same at higher height to raise the door shutter, Supplying, welding and erecting of horizontal MS member (Angle/bar/flat) at bottom of the door and P/welding of new MS heavy hinges - 4 numbers to each shutters, cutting of the old MS hinges, make the doors in smooth operation condition, fixing of the removed glass with necessary lapi / wooden battens, providing and fixing new glass if broken, removing of wooden planks shutter for cutting to required size and to fix the same using SS screws, removing and re-fixing of door	No	1.00		0.00
51	Providing and fixing of mechanical anchor "M/s Hilti" make - HUS3 - 10 mm x 70 mm including drilling in R.C.C. etc., for all height and levels etc., complete as approved by manufacturer, instructed and directed by Engineer in charge	No	570.00		0.00
52	Providing & Applying Intumescent Paint For one hour fire rating of Steel Master 60 WB of Jotun / Nobel/Promate make all as per manufacturers specifications (for both material and workmanship) on the structural steel members after cleaning, washing and priming with Penguard HSP with top coat of Futura AS of approved make and shade or as specified etc. complete at all floors / all levels / all heights any height. The paint touching to damaged due to welding of the MS hollow section members has to be done. Contractor has to procure Penguard HSP primer - 20 Litre, Steel Master 60 WB paint 18.50 Litre and Furute AS - 5 Litre of material to carrying the said work. The un-used material is the property of Institute. Required application tools and tackles has to be condiered in the rate (Job)	Job	1.00		0.00
<b>A</b>	<b>Total Amount for Works (A) (in Rs.)</b>				-
<b>B</b>	<b>Rebate in Rs. (If Any):</b>				
<b>C</b>	<b>Total Amount for flase ceiling works after rebate (in Rs.) including all taxes</b>				-
Note: This is an indivisible works contract. The rates quoted shall include all taxes including Goods and Service Tax					
<b>1) If the rate cells left blank, it will be treates as "0" (ZERO)</b>					
<b>2) Kindly enable the Macros if you receive the "Security Warning" message. (Click on options in</b>					