संस्थान प्रबंधन समिति
औद्योगिक प्रशिक्षण संस्था परपोड़ी
जिला-बेमेतरा (छ०ग०)

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कमांकः–औप्रसं / पर / भण्डार / आई.एम.सी / निविदा / 2015 / 845 / परपोडी,दिनांक 8/12/15

प्रति,

प्रबंधक
एन.आई.सी
जिला बेमेतरा, छ.ग..

विषय :– निविदा एन.आई.सी के वेबसाइट में अपलोड करने बावत्।

उपरोक्त विषयातंर्गत लेख है कि शास. औद्योगिक प्रशिक्षण संस्था परपोड़ी के अंतर्गत संस्थान प्रबंधन समिति द्वारा सामाग्री क्रय तथा नवीन भवन निर्माण हेतु निविदा आमंत्रित किया जाना है। अतः आपसे अनुरोध है कि निविदा एन.आई.सी क्रे वेबसाइट में अपलोड करने का कष्ट करें।

संलग्नः– निविदा की हार्डकापी एवं साफ्टकापी।

(हरीश शर्मा)
प्राचार्य / सचिव
आई.एम.सी. आई.टी.आई. परपोड़ी,
जिला बेमेतरा (छ.ग.)

संस्थान प्रबंधन समिति
औद्योगिक प्रशिक्षण संस्था परपोड़ी, जिला-बेमेतरा (छ.ग.)

क्रमांकः—औप्रस / भण्डार / क्रय / निविदा / 2015 / 848 / परपोड़ी, दिनांक 8/12/15

निविदा सूचना

शासकीय औद्योगिक प्रशिक्षण संस्था परपोड़ी जिला बेमेतरा (IMC) द्वारा नवीन भवन निर्माण हेतु सीलबंद लिफाफे में आवेदन आमंत्रित किया जाता है। निविदा प्रति संस्था में दिनांक 08 / 12 / 2015 से दिनांक 21 / 12 / 2015 तक उपलब्ध रहेगा। इच्छुक निविदाकर्ता दिनांक 21 / 12 / 2015 दोपहर 1:00 बजे तक निविदा, निविदा राशि 2000 / — (दो हजार रूपये) के साथ जमा कर सकता है, निविदा की प्रति एवं नियम / शर्तें राज्य स्तरीय वेबसाइट www.cgstate.gov.in एवं जिला स्तरीय वेबसाइट www.bemetara.gov.in तथा www.itiprpd.in से अपलोड किया जा सकता है। दिनांक 21 / 12 / 2015 दोपहर 1:00 बजे के बाद निविदा स्वीकार नहीं किया जावेगा। निविदा शास. औद्योगिक प्रशिक्षण संस्था परपोड़ी, बेमेतरा में दिनांक 21 / 12 / 2015 को 3:00 बजे क्रय समिति के समक्ष खोला जावेगा।

(हरीश शर्मा)
प्राचार्य / सचिव
आई.एम.सी. आई.टी.आई.परपोड़ी,
जिला बेमेतरा (छ.ग.)

कार्यालय संस्थान प्रबंधन समिति
औद्योगिक प्रशिक्षण संस्था,परपोड़ी
जिला-बेमेतरा (छ०ग०)

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क्रमांकः–औप्रस/आईएमसी/भण्डार/क्रय/निविदा/2015/ 844/परपोड़ी, दिनांक 08/12/2015

निविदा एवं शर्तें

शासकीय औद्योगिक प्रषिक्षण संस्था परपोड़ी में नवीन भवन निर्माण हेतु बी/सी श्रेणी के ठेकेदारों से निविदा आमंत्रित किया जाता है।

निविदा की शर्तें निम्नानुसार हैः–

1. सशर्त निविदा स्वीकार नहीं की जावेगी। निविदा प्रपत्र का मूल्य 2000/– प्रति निविदा प्रपत्र होगी।
2. निविदा स्वीकृति हेतु अधिकृत पदाधिकारी का किसी भी निविदा को बिना कारण बताए स्वीकृत अथवा अस्वीकृत करने का अधिकार सुरक्षित रहेगा।
3. अपरिहार्य कारणों से यदि निविदा प्रदाय अथवा प्राप्ति दिनांक को अवकाष घोषित किया जाता है तो ऐसी निविदाओं में निविदा प्रदाय/प्राप्ति दिनांक आगामी कार्य दिवस को माना जावेगा।
4. निर्धारित तिथि एवं समय के पश्चात प्राप्त निविदा स्वीकार नहीं की जावेगी।
5. भवन निर्माण कार्य की अमानत राषि FDR/बैक गारण्टी/प्रापर्टी मॉडगेज अमानत राषि के रूप में कुल निर्माण लागत का 10 प्रतिषत होगा।
6. निविदायें दो लिफाफा पद्धति से प्रस्तुत की जावे। लिफाफा एक में अमानत राषि, निविदा प्रपत्र का मूल्य अतिरिक्त डिमांड ड्राफ्ट के रूप में एवं पंजीयन से संबंधित आवष्यक दस्तावेज (जीवित पंजीयन पत्र/आयकर/वाणिज्य कर/राजस्व साल्वेंषी/बैंक साल्वेंषी) रखे जावें तथा लिफाफा दो में निविदा फार्म में प्रेषित किये जावें। लिफाफा एक में आवष्यक प्रतिपूर्ति पायी जाने पर ही लिफाफा दो खोला जावेगा।
7. निविदायें निर्धारित समय एवं दिनांक पर उपस्थित ठेकेदारों अथवा उनके अधिकृत प्रतिनिधि की उपस्थिति में खोली जावेगी।
8. निविदा स्पीड पोस्ट/रजिस्टर्ड द्वारा दिनांक 21/12/15 समय अपरान्ह 12:00 बजे तक प्रेषित कर सकतें है।
9. निविदा प्रकाषित दिनांक के बाद का तैयार एफ.डी.आर. जो प्राचार्य/सचिव शास. औद्योगिक प्रषिक्षण संस्था परपोड़ी (IMC) एवं आवेदक के संयुक्त नाम होने से मान्य किया जावेगा।
10. निविदा प्रपत्र प्राप्त करने हेतु ठेकेदार को स्वयं उपस्थित होना होगा/ठेकेदार के अनुपस्थिति में अन्य व्यक्ति 50 रूपये के स्टाम्प पेपर में नोटरी द्वारा सत्यापित अधिकारी पत्र निविदा में प्रावधानिक कार्यों का उल्लेख करने पर देय होगा।
11. उपकरण अधिनियम 1996 के अंतर्गत (1.5 प्रतिषत) अतिरिक्त प्रत्येक देय कटौती की जावेगी।
12. पेन कार्ड की छायाप्रति निविदा प्रपत्र में संलग्न नहीं करने पर निविदा स्वीकार नहीं की जावेगी।
13. भवन निर्माण कार्यादेष के उपरान्त छः माह में पूर्ण करना होगा। छः माह से अधिक होने पर 0.5 प्रतिषत प्रति सप्ताह अधिकतम 5 प्रतिषत प्रतिमाह की कटौती की जावेगी।
14. चयनित आवेदक को 50 रू. के स्टाम्प पेपर में समयसीमा में कार्य पूर्ण करने की घोषणा नोटरी द्वारा सत्यापित करके कार्यालय में जमा करना होगा।
15. नियमानुसार सर्विस टैक्स का भुगतान करना होगा।
16. निविदा की ड्राईंग, क्वांटिटी, कम या ज्यादा हो सकती है। रेट में कोई बदलाव नहीं होगा।
17. निविदा समिति का निर्णय अंतिम व मान्य होगा।
19. कार्य की गुणवत्ता, प्रोग्रेस, सेप्टी सही न होने पर ठेकेदार को कभी भी एक पत्र देकर हटाया जा सकता है।

प्राचार्य/सचिव
संस्थान प्रबंधन समिति
औद्योगिक प्रषिक्षण संस्था
परपोड़ी जिला बेमेतरा(छ.ग.)

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PROJECT : PROPOSED ITI AT PARPODI

S.No.	Item Description	Unit	Qty.	Rate	Amount
A	**EARTH WORK**				
1	Earthwork in excavation with mechanical excavator using trucks,dumpers,poclain,JCB and tractors below existing ground level in basements, foundations, trenches, pits etc. Including shoring, strutting, dressing sides and leveling, grading, ramming, bailing and pumping out water from the excavated areas collected from any source and keeping the excavated surface dry for subsequent works including taking out the excavated soil spreading in layers and stacking as directed, including a free lead of 50 mtr all depth for all types of soil up to depths and levels as shown in the drawings.The item to include dewatering and slush cleaning.	Cum.	1680		
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm. in depth : consolidating each deposited layer by ramming and watering lead with in the site complete. (Actual compacted quantities shall be payable)	Cum.	1680		
5	Filling earth brougt from out side earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm. in depth : consolidating each deposited layer by ramming and watering lead with in the site complete. (Actual compacted quantities shall be payable)	Cum.	500		
6	Filling in plinth with fine sand under floors including, watering, ramming, consolidation and dressing complete.	Cum.	87		
7	Removal of excavated earth from the site by means of mechanical transport.	Cum.	20		
8	Providing and injecting chemical emulsion for **PRE - constructional** anti-termite treatment and creating a chemical barrier under and alround the column pits, wall trenches, basement excavation to surface of plinth filling, junction of wall and floor along the external perimeter of building, expansion joints surrounding of pipes and conduits etc. complete as per IS 6313 (part-II) 1971 with providing 5 years guarantee and peroidical checkings	Sqm.	1635		
	Total of sub - head A				

S.No.	Item Description	Unit	Qty.	Rate	Amount
B	**CEMENT CONCRETE WORK**				
1	Providing and laying plain cement concrete including shuttering and curing complete for footings, raft foundations and under floors at all levels as shown in the drawings but including mechanically mixing etc complete wherever asked for.				
i)	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 20mm nominal size).	Cum	70		
ii)	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	Cum			
iii)	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	Cum			
4	Providing and laying 150 thick rubble stone soling with specified stone aggregate stone screening and binding material i.e. moorum, earth etc. includind screening, sorting, spreading and consolidation as per direction of Engineer-in-charge etc.complete. (ALL WORK AS PER CPWD SPECIFICATIONS)				
	a) 200 mm thick stone course in two layer of 125 mm each compacted to 100 mm thick.	Sqm.	270		
	b) 150 mm thick stone course in two layer of 100 mm each compacted to 75 mm thick.	Sqm.	270		
	Total of sub - head B				
C	**R.C.C. WORK**				
1	Providing and laying in position machine batched, machine mixed and machine vibrated design mix (Pumpable) cement concrete of M25 grade for reinforced cement concrete structural elements, excluding the cost of centering, shuttering, finishing and reinforcement including admixture in recommended proportion to accelerate improve workability without impairing strength and durability as per direction Engineer-in-charge.The item to include laying of concrete at all lead and lifts.				
	Note :- The design mix shall be based on the condition of provision of minimum cement content recommended for the harsh conditions.				
a)	Raft foundations,Footings,Pedestal, retaining wall bases including foundation beams, stitching slab, equipment foundation,pile cap etc.	Cum.	125		
b)	Suspended slabs, flat slab, column head, band ,chajjas, counters,shelves, floor projections and landing of stairs.	Cum.	375		
c)	Beams of all shape & profile including curved beams, ribs (waffels), lintels etc.	Cum.	75		

S.No.	Item Description	Unit	Qty.	Rate	Amount
d)	Columns of all shapes				
	M45	Cum.			
	M40	Cum.			
	M35	Cum.			
	M30	Cum.			
	M25	Cum.	125		
e)	Staircase	Cum.	22		
f)	Steps	Cum.	2		
g)	Retaining Walls	Cum.			
h)	Counters and Parapets	Cum.	4		
2	Providing and mixing in recommended proportions admixtures (as per IS 9103) to accelerate/retard, setting of concrete, improve workability without impairing strength and durability characteristics of concrete as per manufacturer's specifications and direction of Architects complete .	unit qty.per bag of 50 kg of cement			
a)	Water reducing admixtures (Plasticizer / super plasticizer .	used in the mix	50		
3	Approved Marine plywood shuttering and centering for structural concrete work in locations called for including strutting, propping, bracing, bolting, wedging, casing, striking, removal etc. complete for any size, section, thickness. Props shall consist of well designed steel pipes adequately braced (wooden ballies as props shall not be permitted). The item to include centering and shuttering at all heights and levels.				
4	Allow for forming grooves, drip course, chamfers, cut-outs, openings etc. where called for and for dressing with approved shuttering oil (REEBOL of FOSROC / equivalent) to prevent adhesion. Unexposed concrete surfaces subsequently left untreated (in the condition obtained on removal of form work) shall not constitute exposed concrete work and shall be measured under this item only. Irregular shapes with sides which may not be perpendicular to each other for shapes not conforming to rectangle or square shall not be paid separately. (quoted rate to include all staging up to any height).Note:- Any additional strengthening, bracing, strutting, proping, jacking required in the opinion of the Engineer-in-charge shall deemed to have been included in the rates and nothing extra shall be payable on this account.				

S.No.	Item Description	Unit	Qty.	Rate	Amount
5	Shuttering, centering including strutting , propping etc. and removal of form for;				
i)	Raft foundation, Footings including foundation beams, pedestals, brackets pier heads in foundations , grade slabstitching slab etc.	Sqm.	450		
ii)	Suspended floors, roofs, balconies, landing and access platform.	Sqm.	1850		
iii)	Columns , pillars , posts,piers, abutment , struts.	Sqm.	900		
iv)	Lintels, Beams, plinth beams , girders , bressumers , cillscantilevers.	Sqm.	800		
v)	Stair (excluding landing) except spiral stair.	Sqm.	88		
vi)	Walls (of any thickness) including attached plasters, buttresses, plinth and string courses etc.	Sqm.			
4.2	Leaving in position strutting, temporary staging (including dead shuttering) unremovable by the virtue of location at the instructions of PMC.	Sqm.	13		
	Total of sub - head C				
D	**BRICK WORK**				
1	Brick masonry in foundation and plinth using bricks of class designation 75 in cement mortar 1:6 (1cement: 6coarse sand/ stone dust) including curing etc. complete	Cum.	155		
2	40 mm thick DPC in cement concrete1:2:4 (1cement:2 coarse sand/stone dust:4 graded stone aggregate 20mm and down gauge) including shuttering, curing and two coats hot bitumen of penetration 80/100 applied @ of 15.75 kg. Per 10 sqm. for each layer after cleaning the surface with brush and finally with a piece of cloth slightly soaked in kerosene oil.	Sqm.	80		
3	Brick masonry in super structure using bricks of class designation 75 in cement mortar 1:6 (1 cement: 6 coarse sand/stone dust) including the cost of necessary scaffolding upto any height and at any floor including curing etc. complete.	Cum.	615		
4	115mm thick brick masonry partition walls using bricks of class designation 75 laid in cement mortar 1:4 (1 cement: 4 coarse sand) with 2Nos. 6 mm dia. M.S bars at every 4th layer including curing, scaffolding etc. complete.	Sqm.	125		
5	Brick work in piers with bricks of class designation 75 in cement mortar 1:4 (1 cement: 4 coarse sand) including curing etc. complete.	Cum.	5		

S.No.	Item Description	Unit	Qty.	Rate	Amount
6	Random rubble masonry (First and Second sort) with hard stone in plinth and super structure with cement mortar 1:6 (1 cement: 6 coarse sand / stone dust) including the cost of necessary scaffolding upto any height and at any floor including curing etc. complete. (The the stone shall be of approved quality) .	Cum.	Q.Rate		
	Total of sub - head D				
E	**PLASTERING WORK :**				
1	Providing and fixing chicken wiremesh with nails at the junction of brick work and RCC beams or columns before plastering work.	Sqm.	475		
2	12 to 15mm thick smooth cement internal plaster over walls laid, cured complete and making grooves as directed at the junction of ceiling and wall :				
a)	1:1:4 (1 cement: 1 coarse sand: 4 fine sand).	Sqm.	2875		
3	15 mm thick cement external plaster in one coat in 1:4 (1 cement : 4 coarse sand) as per direction of the Architects for all heights and levels including curing etc. complete.	Sqm.	1115		
4	20mm thick smooth cement plaster in two coats, 1st coat in 1:5 (1 cement: 5 coarse sand) mortar and top coat in 1:4 (1 cement: 4 fine sand) mortar finished with sponge, laid, cured, complete including making grooves as per design and direction of the Architect's.	Sqm.	500		
5	Providing and making grooves 15 - 18 mm and 10 mm deep in plaster as required by the Architects including soft wood battens of specified size with making the egdes complete.	Rmt.	750		
6	10mm thick cement plaster in 1:1:3 (1 cement: 1coarse sand: 3 fine sand) to ceiling, chajjas, facia, louvers beams, columns, walls etc. including surface preparation laying, curing and complete upto all heights .	Sqm.	1675		
7	20mm thick neat finished plaster in 1:4 (1 cement: 4 coarse sand) mortar over walls & floors including CICO water proofing compound @ 3% by weight of cement.	Sqm.	50		

S.No.	Item Description	Unit	Qty.	Rate	Amount
8	Providing and fixing 20mm pre-polished thick Granite stone of approved quality on EXTERNAL FACE as per design and drawing of the Architects in cement mortar 1:4 (1 cement: 4 coarse sand) and jointed with white cement slurry mixed with pigment to match the colour of the stone including necessary clamps and hooks etc. complete. (Basic cost of stone Rs.150/-per sft.).	Sqm.	15		
9	Extra for providing SAND BLASTING to granite stone as per rquirement of the Architects complete.	Sqm.			
10	Providing and fixing 25 mm thick **GWALIOR** sand stone cladding with cement mortar 1:3 (1 cement : 3 coarse sand) with approved design and pattern, jointed with white cement slurry mixed with pigment to match the shade of the stone including necessary nuts and bolt, binding wire, M.S.dowels and clamps etc. as per design and drawing of the Architects complete.				
a)	Rough finish .	Sqm.	Q.Rate		
b)	Polished finish.	Sqm.	Q.Rate		
11	Extra for making stone rough with sand blasting as per design and direction of the Architects complete.	Sqm.	Q.Rate		
12	Providing and fixing 20mm pre-polished thick PRE-POLISHED stone of approved quality on **DOOR** / **WINDOW** cills, jambs or as required as per design and drawing of the Architects in cement mortar 1:4 (1 cement: 4 coarse sand) and jointed with white cement slurry mixed with pigment to match the colour of the stone including necessary clamps and hooks etc. complete. (Basic cost of stone Rs.150/-per sft.).	Sqm.			
13	Providing and fixing 4 mm (EXTERIOR GRADE) aluminium composite sheet cladding with sheet of approved make and of required shade including M.S. frame surfaces on aluminium standred sections with necessary fixing details all as per manufacturers's spections as per design and drawing of the Architects complete . (The contractor has to approve the work shop drawing before start of the work)	Sqm.	Q.Rate		
	Total of sub - head E				

S.No.	Item Description	Unit	Qty.	Rate	Amount
F	**DOORS AND WINDOWS**				
1	Providing and fixing wood work in frames of doors, windows, clerestory windows and other frames, wrohght framed and fixed in position with necessary holdfasts/dash fastner as per design and drawing of the Architects complete for : (Basic rate of wood shall be Rs. 2000/- per cft.)				
a)	First class Wood of approved quality .	Cum.	Q.Rate		
2	Providing and fixing Teak wood moulding beading to door and window frames or as required with iron screws, plugs etc. as per design and drawing of the Architects complete of sizes as below:				
a)	40 mm x 15 mm	Rmt.	Q.Rate		
b)	20 mm x 20 mm	Rmt.	Q.Rate		
c)	15 mm x 15 mm	Rmt.	Q.Rate		
d)	100 mm x 25 mm	Rmt.	Q.Rate		
3	Providing and fixing 40 mm thick panelled door in C.P. teak wood as per design and drawing of the Architects , 150 mm wide side and top rail, 115 mm wide lock rail, 200 mm wide bottom and top rail, 45 mm thick bottom panel in teak wood with bevelled edge and top pannels with 12mm thick both side teak face ply , all beading including all hardwares in brass heavy duty type such as hinges, tower bolts, buffer, door stopper of approved quality and necessary screws etc.The shutter shall be fixed to door frame complete. (Basic rate of wood shall be Rs. 2000/- per cft.)	Sqm.	Q.Rate		
4	Same as above but with sliding door shutter with sliding arrangements as per design and drawing of the Architects complete.	Sqm.	Q.Rate		
5	40 mm thick solid core flush door shutters of mysore or equivalent or approved by the Architects make with teak ply facing on both sides and 25 mm thick teak lipping including all hardwares of approved make and quality such as hinges, aluminium tower bolts, aldrops door stopper, buffers etc. and including providing, fixed to door frame as per design and drawing of the Architects complete.	Sqm.	160		

S.No.	Item Description	Unit	Qty.	Rate	Amount
6	Extra for providing and fixing 4 mm thick veneer of approved quality, design, shade and colour with approved quality adhesive, nails and screws etc. complete. (Basic rate of veneer shall be Rs. 60/- per sft.) Actual area on each side shall be measured for payment.	Sqm.	Q.Rate		
7	Providing and fixing 40mm thick panelled glazed shutter in Teak wood as per design and drawing of the Architects, panells with 6 mm thick plain glass including beading hold the glass on both faces of shutter, including all hardwares in brass heavy duty such as hinges, tower bolts, handles stays etc. of approved quality and the shutter shall be fixed to door frame complete.				
a)	Fully openable.	Sqm.	Q.Rate		
b)	Fully fixed (Without shutter frame) including Teak wood beading fixed with screws etc. to hold the glass. Actual fixed glass area will be measured for payment.	Sqm.	Q.Rate		
8	Extra for providing 10 mm thick glass instead of 6 mm thick glass.	Sqm.	Q.Rate		
9	Same as in openable shutters but panells with 0.56mm dia Stainless steel wire mesh of approved quality instead of glass including all hardwares as mentioned in the above item complete.	Sqm.	Q.Rate		
10	Providing and fixing powder coated aluminium door, windows and ventilators made out of standard aluminium sections (JINDAL and HINDALCO) as per design including 5.0 mm thick plain sheet glass glalazing fixed with EDPM gaskets with stainless steel screws, rubber weather strips, rawl plugs, gutties etc. complete as per the Architect's design and as directed. (Before execution of the work the contractor shall submit the work shop drawing)				
a)	Fully openable.	Sqm.	275		
b)	Partly openable and partly fixed. (50% + 50%)	Sqm.	85		
c)	Fully fixed.	Sqm.	45		
d)	Same as above but 19mm thick pre-laminated board both side of approved shade and quality instead of 5.0 mm thick glass complete.	Sqm.	25		
11	Providing and fixing superior quality door locks of approved quality including a powder coated brass pair of handles screws etc. complete.	Nos.	25		

S.No.	Item Description	Unit	Qty.	Rate	Amount
12	Same as above but only latch with a pair of handles for toilet door shutter complete .	Nos.	3		
13	Providing and fixing double action floor spring with 12 gauge stainless steel cover plate from Door King or approved quality including fixing to door frame, cutting of door frame / floor with necessary screws and making good the floor etc. complete.	Nos.	4		
14	Supplying and fixing steel rolling shutters of 18 gauge 60-75mm inter-locking steel lathes of deep convex corrugations complete with pressed steel guides 60-75mm made of 3mm thick plate and pressed rail made of 3mm thk. plate, brackets strong suspension shaft with one coat of anticorrosive red oxide paint and three coats aluminium/enamel paint of approved quality including top cover for the shaft and shutter, suitable holdfasts etc. complete in all respects of type:				
a)	By manual operation.	Sqm.	15		
15	Extra for providing and fixing mechancial operated machine in rolling shutter	Sqm.	15		
	Total of sub - head F				
G	**FLOORING WORK**				
1	Providing and laying 150mm thick fine sand filling under floor with watering , ramming etc. complete .	Sqm.	875		
2	100mm thick cement concrete under floor in 1:4:8 (1cement: 4coarse sand: 8graded stone aggregate of 40mm and down gauge) laid, cured and rammed complete.	Sqm.	125		
3	Providing and laying 150 mm thick reinforced cement concrete flooring in M25 (Design Mix) in panels including necessary dividing strips and MS channels, shuttering, levelling, vibrating and finished with TRIMIX vacum de-watering system as per suppliers specifications and also excluding the cost of specified reinforcement etc. complete.	Sqm.	178		
4	IPS flooring in cement concrete 1:2:4 mix (1cement: 2coarse sand: 4 stone agg. 20mm nominal size) and top finished with 2 mm thick neat cement complete with laying and curing for :				
a)	40mm thick including 40 x 4mm glass strips laid as per directions.	Sqm.	25		

S.No.	Item Description	Unit	Qty.	Rate	Amount
5	20mm thick cement mortar skirting & dado in 1:3 mix (1cement : 3coarse sand) finished with a floating coat of neat cement including rounding of junctions with floor, complete with laying and curing.	Sqm.	12		
6	Providing and laying 25mm thick polished Kota stone slab flooring over 20mm thk. (avg.) base of cement mortar 1:4 (1cement : 4 coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the stone including rubbing and polishing as per design complete.	Sqm.	115		
7	Same as above but on risers of stair case including making half round edging as per requirement of the Architects complete .(For treads and risers only sinle piece kota stone shall be used)	Sqm.	88		
8	Providing and laying polished Kota stone slabs 25mm thick in risers of steps, skirting, dado, pillars laid in 12mm (avg.) thick cement mortar 1:3 mix (1cement: 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing complete as per design with approved quality of Kota stone.	Sqm.	15		
9	Providing and laying 20 mm thick Pre-polished granite stone flooring and treads over 20mm thick (average) base of cement mortar 1:4 mix (1cement: 4coarse sand) laid and jointed with white cement slurry complete as per design with approved quality of stone. (Basic cost of stone will be Rs.150/- per sft.)	Sqm.	35		
10	Providing and laying 20 mm thick Pre-polished granite stone skiriting, dado, risers etc. or as required over 20mm thick (average) base of cement mortar 1:4 mix (1cement: 4coarse sand) laid and jointed with white cement slurry complete as per design with approved quality of stone. (Basic cost of stone will be Rs.150/- per sft.)	Sqm.	13		
11	Extra for FLAME FINISH grainte intead of pre-polished complete.	Sqm.			
12	Providing and laying 10 mm thick vitrified tiles (jointless) of approved size (600 x 600 approx.) from **NAVEEN** / **GRANAMITE** or equivalant on floor, skiriting and dado with 12mm (avg.) thick cement mortar 1:3 mix (1cement: 3 coarse sand) and jointed with white cement slurry mixed with pigment to match the shade of the tiles complete as per design with approved quality tiles. (Basic cost of stone will be Rs.60/- per sft.)	Sqm.	1200		

S.No.	Item Description	Unit	Qty.	Rate	Amount
13	Providing and fixing 20mm thick granite stone of approved quality on counter tops in cement mortar 1:4 (1 cement: 4 coarse sand) and jointed with white cement slurry mixed with pigment to match the colour of the stone including cutting hoes for wash basin and fixturers, making moulding as per design and edge polishing etc. complete. (Basic cost of granite stone Rs.150/-per sft.).	Sqm.	10		
14	Providing and laying 1st quality ceramic tiles of SPARTEK, KAJARIA or equivalent as approved by the Architects of specified sizes in dado with 12mm cement mortar 1:3 (1 cement : 3 fine sand) jointed with white cement , mixed with pigment to match the colour of the tiles as per design and pattern in the Architects drawings complete. (Basic cost of tile Rs.35/-per sft.).	Sqm.	125		
	Total of sub - head G				
H	**ROOFING**				
1	Providing and laying Coba method waterproofing treatment to roof, including cleaning the surface as required, providing all-round the terrace waterproof wattas (rounding) as a preliminary, giving a coat of special chemical wash of approved quality mixed with cement, providing 25mm thick cement mortar pad with a mixture of special chemical (of approved quality) to form a bed in 1:4 (1 cement: 4 fine sand), for brick bats, placing brick bats of different sizes to a proper slope & grouting the joints with a special chemical process (in cement mortar with special chemical of approved quality) top layer of 25mm thick (1:4) plaster, mixed with chemical (of approved quality) at any height, including curing , total thickness 120mm (average) . complete. (Carpet area will be measured for payment, no extra for wattas etc.) Work will be done by the specialized agency approved by the Architects .	Sqm.	575		
2	Providing and filling foam concrete blocks (waste) in sunken areas or where as required, laid to slope including consolidation the same complete.	Cum.	10		
3	Painting top of roof with bitumen of approved quality at 17 Kg. per 10 sqm. impregnated with a coat of coarse sand at 60 cudm. per 10sqm. Including cleaning the slab surface with brushes and finally with a cloth lightly soaked in kerosene oil.	Sqm.	575		

S.No.	Item Description	Unit	Qty.	Rate	Amount
4	Providing gola in 1:2:4 cement concrete with 12mm nominal size stone ballast, under the drip coarse finished with 1:3 mix (1cement: 3medium sand) cement mortar complete with laying and curing of 100mm x 100mm approx. size.	Rmt.	185		
5	Making khurras 45cm x 45cm with average minimum thickness of 5cm cement concrete 1:2:4 (1cement: 2coarse sand: 4graded stone agg. of 12mm nominal size) finished with 12mm cement plaster 1:3mix (1cement: 3coarse sand) and a coat of neat cement rounding the edges, making and finishing the outlet complete.	Nos.	10		
6	Providing and applying Tapecrete (waterproofing painting) in three coats on top of RCC slabs, planters, sunken areas and wherever required with brush after cleaning the surface and making it free from oil, grease complete as per the manufacture's specifications.	Sqm.	675		
	Total of sub - head H				
I	**STEEL WORK**				
1	Providing, laying and fixing in position steel reinforcement in all reinforced concrete work, including straightening, cutting, removal of loose rust by wire brush and coating with cement slurry, bending, hoisting, laying in position to the shape and profile required at all levels and heights as per drawings and design and/ or as directed, binding with 18 gauge MS annealed steel wire etc. complete. (Quoted rate also to include providing & fixing the binding wire, cement mortar spacer blocks etc.) according to revelant IS codes.				
	Note: All authorized components like laps,chairs , spacers, hangers etc. shall be measured and paid for in addition to the main reinforcement on the actual basis.				
i)	Thermo mechanically Treated Reinforcement (TMT) or High yield strength Deformed (Tor steel) bars of all size & FE 500 grade.	MT	79		

S.No.	Item Description	Unit	Qty.	Rate	Amount
ii)	Supplying, fabricating, assembling, hoisting /erecting and fixing in position at all heights and with all leads, structural steel works of MS rolled sections/Plate as per structural drawings and as per detailed specifications (for materials & workmanship) in the situations described herein after complete rate shall including primer and 2 or more coats of paint by spray gun as per detailed specifications and manufacturer's recommendations. The welding elctrode to be used shall be E-7018 (radiographic quality) or equivalent as per IS classification. The grade of steel shall be Yst 345.Note: The rate to include providing and applying intumescent fire retardant paint (One hour rating) of approved quality on steel work as per manufacturer's specification including all materials, labour complete as per direction of Engineer-in-charge (Paint shall be in accordance with AS 1530/4 and BS 476 part 8 ASTM-E : 119 and anti - corrosive).	MT	20		
	Total of sub - head I				
J	**FINISHING/PAINTING**				
1	White washing with lime to give an even shade :				
	a) New work (three or more coats)	Sqm.	1525		
2	Providing and applying three coats of dry distemper of approved shade/color over one coat of satna lime to give an even shade.	Sqm.	200		
3	Providing and applying oil bound distemper of approved brand and shade / color in two or more coats after prepation of ground with oil bound putty to give an even shade.	Sqm.	550		
4	Providing and applying plastic emulsion paint of approved brand and shade/color in two or more coats after prepation of ground with oil bound putty to give an even shade.	Sqm.	175		
5	Providing and applying textued paint of SPECTRUM, UNITILE or equivalent or approved by the Architects of approved shade / colour and type complete as per manufacturer's specifications on exterior face.				
	a) Type - I (Plain finish)	Sqm.	Q.Rate		
	b) Type - II (Texture finish)	Sqm.	Q.Rate		

S.No.	Item Description	Unit	Qty.	Rate	Amount
6	Providing and applying wheather shield paint on exterior paint of NEROLAC, ASIAN or equivalent or approved by the Architects of approved shade / colour and type complete as per manufacturer's specifications.	Sqm.	850		
7	Providing and applying three coats of approved quality cement paint (Snowcem or similar) paint to external new work in choice shade including curing etc. complete.	Sqm.	80		
8	Providing and applying synthetic enamel paint of approved brand and shade/color in two or more coats after preparation of ground with oil bound putty to give an even shade complete.	Sqm.	375		
	Total of sub - head J				
K	**MISCELLANEOUS WORK**				
1	50mm thick cement concrete 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate 20mm and down guage in plinth protection laid in panels over 100 thick cement conc. 1:4:8 (1cement: 4fine sand: 8stone agg. 40mm and down guage), laid and cured complete.	Sqm.			
2	Providing and mixing cico water proofing compound in cement mortar as per manufacturer's specifications.	Kg.			
3	Providing and fixing 20mm dia,30cm long medium class GI pipe spouts cut to required shape and fixed in brick or R.C.C work.	Nos.			
4	Providing and applying 6mm thick plaster of Paris punning with POP of National or approved by the Architects on walls and ceilings complete.	Sqm.			
5	Providing and making cornice in plaster of Paris of size as per design complete.				
a)	75mm x 75mm .	Rmt.	Q.Rate		
b)	100mm x 100mm .	Rmt.	Q.Rate		
6	Providing and fixing 1000mm high stair case railing made out of M.S. pipes of 2 mm thick of dia 50 mm, 40 mm, 25 mm etc. including grouting in conc.mix 1:2:4, or welded to steel member as per requirement and per design and drawing of the Architects with painting with enamel paint of approved shade and colour over a coat of primer etc	Rmt.			

S.No.	Item Description	Unit	Qty.	Rate	Amount
7	Providing and fixing 1000mm high railing to staircase with stainless steel made out of standred sections including grouting in conc.mix 1:2:4, welding, finished as per design and drawing of the Architects with 50mm dia SS heavy duty pipe etc.complete.	Rmt.			
8	Providing and fixing false ceiling with 19mm thick gypsum board as per design and drawing of the Architects with necessary hangers and supports fixed to wall and ceiling with dash fasteners including cutting of board for light fixtures etc.complete.	Sqm.			
9	**GYPBOARD PARTITION**				
	Providing and fixing 75mm thick partition which includes one layer of tapered edge 12.5mm thick Gypboard (conforming to IS-2095-1982) screw fixed and drywall screw of 25mm at 300mm centres to either side of 48mm studs (0.55mm thick having one flange of 34mm and another flange of 36mm made of G.I. steel) placed at 610mm centre to centre in 50mm floor and ceiling channel (0.55mm thick having equal flanges of 32mm made of G.I. steel) with joints staggered to avoid trough joints. Finally square and tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling and finishing with jointing compound, paper tape and two coats of primer suitable for Gypboard.				
	i) Item includes making all provisions/cutouts for fixing electrical sockets etc.(Cost of sockets to be calculated elsewhere.)				
	ii) 100 mm high skiriting with partical board fixed to partition including 1.0 mm thick laminate to be fixed etc. complete.				
	iii) Provision for laying of cunduits for wiring.				
	iv) Wooden edging 100 x 25 mm thick inluding painting or polishing complete.	Sqm.	110		
	Total of sub - head K				

S.No.	Item Description	Unit	Qty.	Rate	Amount

4RY OF COST

S.NO.	DESCRIPTION		
1	Total of sub - head A (earth work)		
2	Total of sub - head B (p.c.c.)		
3	Total of sub - head C (r.c.c.)		
4	Total of sub - head D (brick work)		
5	Total of sub - head E (plastering)		
6	Total of sub - head F (doors & windows)		
7	Total of sub - head G (flooring)		
8	Total of sub - head H (roofing)		
9	Total of sub - head I (steel)		
10	Total of sub - head J (painting)		
11	Total of sub - head K (misc. work)		
	TOTAL OF BUILDING C/O TO SUMMARY		

PROJECT : PROPOSED ITI AT PARPODI

QUANTITIES UPTO 1st MANHOLE

Sno.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
1.0	**SANITARY FIXTURES**				
1.1	Providing and fixing white colour vitreous China, Floor Mounted European W.C. with CP bolts, nuts, CI brackets, with 'P' or 'S' trap including low level same colour glazed flushing cistern of 10 liters capacity , with brass working parts, brass ball valve &PVC floating ball, with brass CP wall cap and CP tubes, same colour plastic seat with C.P. Fixtures, like bolts & rubber buffers etc. complete including same colour porcelain paper holder for toilet paper roll and CP jet system complete with 15 mm dia CP connection pipe with 15 mm dia CP stop cock complete including cutting and making good the walls and floors wherever required. (Make HINDUSTAN)	Each	7		
a)	Extra on item for normal colour	Each	Q. RATE		
1.2	Providing and fixing white colour under counter wash basin size 550x480x190 oval type of parryware make with manifold bracket, 32 mm dia outlet, with 32 mm dia C.P. bottle trap with brass C.P. wall cap and extension pieces, 15 mm dia C.P. brass angle stop cock with 10mm dia C.P. brass connection pipe etc. CP brass chain, CP wall flange, rubber adopter for waste connection complete, including cutting and making good the walls wherever required 3 coats of paints to brackcts complete fixing etc. (Make HIDUSTAN)	Each	8		
a)	Extra on item for normal colour	Each	Q. RATE		
1.3	Providing and fixing 15mm f CP brass bib cock with CP brass threaded flange complete including cutting and making good the tiles wherever required bib cock shall be of approved make.				
	a) Short body	Each	7		
	b) Long Body	Each	4		
1.4	Providing and fixing 15 mm dia CP brass superior quality angle valve with CP copper connecting pipe 375mm long and nuts, washer and CP brass flange complete including cutting and making good the tiles wherever required etc.	Each	15		
1.5	Providing and fixing 15mm nominal dia CP stop cock of approved make.	Each	2		
1.6	Providing and fixing 15mm dia CP brass pillar cock for wash basins and sinks of approved make including cutting and making good the tiles/marble wherever required.	Each	7		
1.7	Providing and fixing in position superior quality mirror 6mm thick glass with kitply backing and stainless steel channel for frame work including cutting and making good the floors wherever required.	Sqm	6		
1.8	Providing and fixing soap tray matching with tiles of size 20cm x 20cm complete including cutting and making good the tiles wherever required.	Each	Q.Rate		

	Sno.	Description	Unit	Qty	Rate	Amount
					(Rs)	(Rs)
	1.9	Providing and fixing anodized aluminium towel rods or towel ring with anodised aluminium brackets fixed to wooden cleats with CP brass screws, size 750x20 mm with outer rod dio 22mm. Including cutting and making good the tiles wherever required.	Each	3		
	1.10	Providing and fixing white vitreous china flat back half stall urinal of 580 x 380 x 350mm with white PVC automatic flushing cistern, Parryware/ Hindware/ Seabird/ Orient (Coral) with fitting, 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.				
	a)	Range of two half stall urinals with 5 litre PVC automatic flushing cistern.	Each	3		
	1.11	Providing and fixing marbe stone slab table rubbed and polishged of approved size , fixed in urinal partitions with cement concerte 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20mm nominal size) and finished smooth.	Sqm.	1.5		
	1.12	Providing and fixing stainless steel kitchen sink of size 600x450x200 mm with MS bracket 40 mm dia CP brass waste with PVC pipe complete including painting of fittings, cutting and making good the wall as required.	Each	5		
				TOTAL Rs.		-
	2.0	**HCI & UPVC PIPES AND FITTINGS (INTERNAL SOIL, WASTE & STORM WATER DRAINGE)**				
	2.1	Providing and fixing HCI soil, waste and vent pipes with fittings such as bends, junctions 90° and 'Y' (135°) off sets terminal guards, collars, cutting and making good the holes or chase in walls or floors/road and making complete (pipes and fittings shall be of approved make.)				
		HCI Pipe				
		a) 100 mm N.B.	Rmts	50		
	2.2	Providing and fixing cement concrete 1:2:4: mix (1 cement: 2 course sand: 4 stone aggregate, 20mm and down guage) 75mm in bed and all around pipe				
		a) for 100mm, 75mm and 50mm dia pipe under floor including centering and shuttering wherever required.	Rmts	30		
		b) For 150 mm dia pipes	Rmts	Q.RATE		
	2.3	Painting sand cast iron/cast iron spun, G.I. waste and vent pipes & fittings with paint of suitable colour/ with synthetic enamel paint over a coat of primer .				
		a) 100mm N.B. (HCI)	Rmts	6		

	Sno.	Description	Unit	Qty	Rate	Amount
					(Rs)	(Rs)
	2.4	Providing and fixing HCI floor trap of self cleansing design 250mm high with or without vent arm of approved make including cutting and making good the walls and floors etc. including encasing the trap with 1:1 ½ : 3 (1 cement :1½ coarse sand: 3 graded stone aggregate 20mm nominal size), mixed with approved waterproofing compound at 2% of cement by weight.				
		a) 100mm inlet 100mm outlet	Each	5		
	2.5	Providing and fixing 3mm thick CP brass hinged grating with peripheral rim over, floor traps, circular dish design.				
		a) 100mm dia	Each	8		
		b) 125 mm dia	Each	8		
	2.6	Providing and fixing GI waste pipe including painting with two coats of bitumastic paint, wrapping with applying a final coat of bitumastic paint (for pipes in chase or under floor) conforming to IS:1239 (Medium Class) complete with GI fittings and clamps including cutting and making good the walls for wash basins and kitchen sinks etc. disposal with waste connection etc. complete.				
		a) 32 mm N.B.	Mtrs	3		
		b) 40 mm N.B	Mtrs	5		
		c) 50 mm N.B	Mtrs	5		
	2.7	Providing and fixing sand cast iron nahani trap of self cleansing design with 125/75 dia hinged grating including the cost of cutting and making good the walls and floors.				
		a) 100 mm inlet and 100 mm outlet	Each.	8		
	2.8	Providing and fixing UPVC (6 kg/cm^2) rain water pipes including plain bend, plain shoes, p traps all fittings etc. complete				
		a) 110 mm dia	Rmt	15		
		b) 160 mm dia	Rmt	60		
			Total Rs.			**-**
	3.0	**WATER SUPPLY (internal & External)**				
	3.1	Excavation of trenches of required width for pipes, including excavation for sockets, and dressing of sides, ramming of bottom, depth up to 1.5m including getting out the excavated soil, and then returning the soil as required, in layer not exceeding 20cms depth including consolidating each deposited layers by ramming, watering etc. and diposing of surplus excavated soil as directed within a lead of 50m.				
		a) Pipes, not exceeding 80mm dia, All kinds of soil.	Meter	50		

	Sno.	Description	Unit	Qty	Rate	Amount
					(Rs)	(Rs)
	3.2	Providing and fixing G.I. Pipes (I.S. 1239 medium class) complete with G.I. Fitting , (extenal pipe to be laid / burried at depth of 1M in trenches).				
		a) 15mm dia	Meter	20		
		b) 20mm dia	Meter	40		
		c) 25mm dia	Meter	15		
		d) 32mm dia	Meter	40		
		e) 40mm dia	Meter	25		
	3.3	Painting G.I. Pipes chased/buried with two coats of bitumastic paint, wrapping polythene tape and applying a final coat of bitumastic paint				
		a) 15mm dia	Meter	20		
		b) 20mm dia	Meter	40		
		c) 25mm dia	Meter	15		
		d) 32mm dia	Meter	40		
		e) 40mm dia	Meter	25		
	3.4	Providing and painting all exposed G.I. pipes with anti-corrosive paint and two coats of synthetic enamel paint of approved shade and quality				
		a) 15mm dia	Meter	6		
		b) 20mm dia	Meter	15		
		c) 25mm dia	Meter	15		
		d) 32mm dia	Meter	10		
		e) 40mm dia	Meter	25		
	3.5	Providing and fixing insulation with 6mm thick asbestos rope containg 85% magnesia.				
		For chased pipe in walls:				
		One layer of 6mm thick insulation finished with 6mm thick rough plaster of 1:3 (1 portland cement: 3 hard setting cement compoud)				
		a) 15 mm N.B.	Rmts	Q. RATE		
		b) 20 mm N.B	Rmts	Q. RATE		

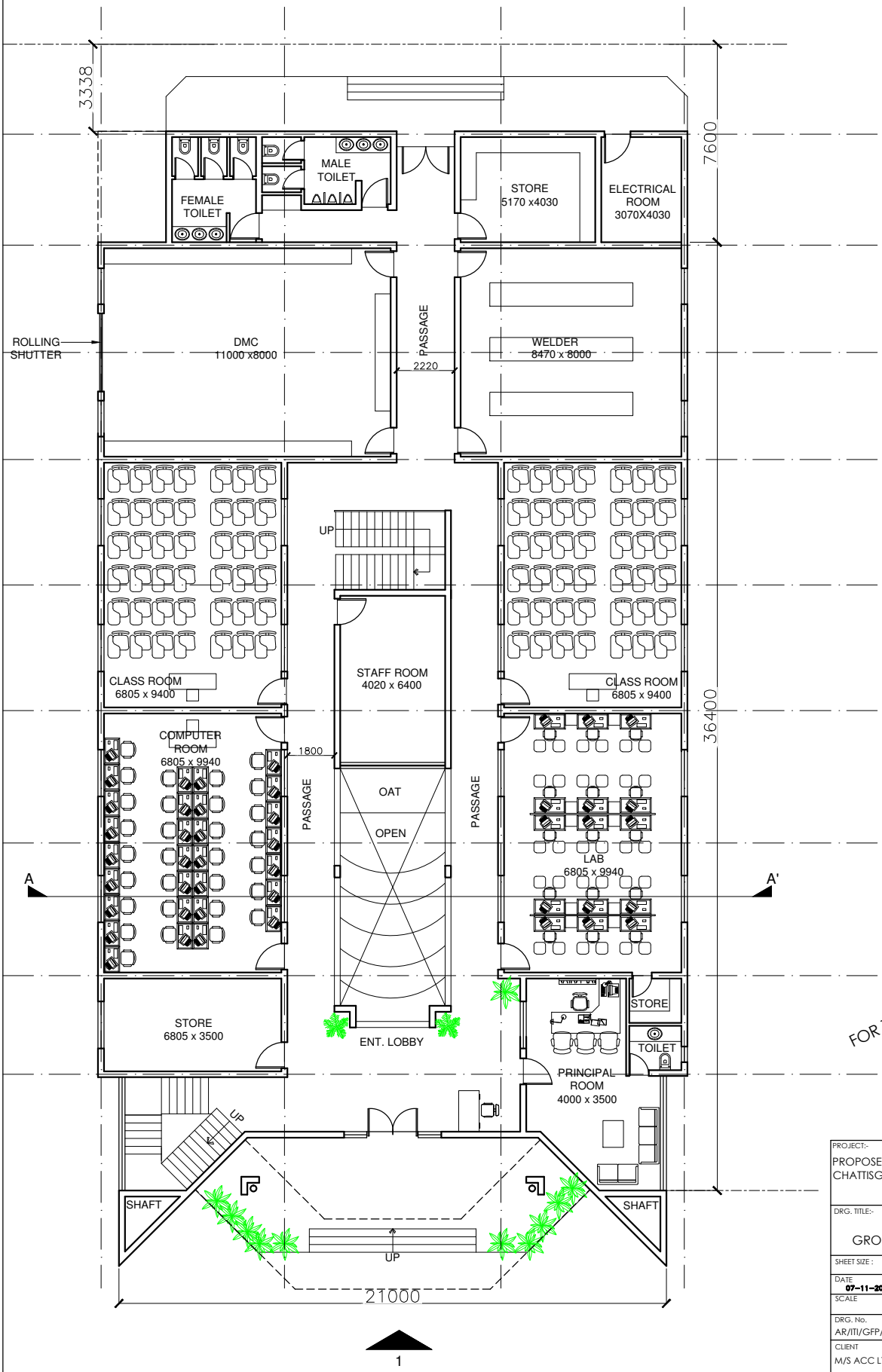
	Sno.	Description	Unit	Qty	Rate	Amount
					(Rs)	(Rs)
	3.6	Providing and fixing brass/bronze lever operated ball valve of full flow with stainless steel ball (AISI 304 and spindal AISI 410) with setting and gland of superior quality having minimum working pressur of 10 kg/cm^2				
		a) 15mm dia	Each	1		
		b) 20mm dia	Each	4		
		c) 25mm dia	Each	4		
	3.7	Providing and fixing Brass Ball Cock with plastic float, including accessories, testing and complete in all respect, as per design for overhead water tanks.				
		a) 32 mm nominal bore with heavy duty high pressure plastic float.	Each	3		
			TOTAL Rs.			
	4.0	**EXTERNAL SEWERAGE, STORM WATER DRAINAGE SYSTEM**				
	4.1	Excavating trenches of required width for pipes including excavation for sockets and dressing of sides, ramming of bottom depth upto 1.5m including getting out the excavated soil and then returning soil as required, in layers not exceeding 20cms in depth including compaction of each deposited layer by ramming, watering etc. and disposing of surplus excavated soil as directed within a lead of 200m.Minimum width of the trench should be external dia plus 400mm.				
	a)	For pipes upto 300mm dia in all type of soil	Rmts	125		
	4.2	Extra over on item no. 1 for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5m but not exceeding 3m.	Rmts	10		
	4.3	Providing, laying and jointing glazed stoneware pipes grade A' with stiff mix of CM 1:1 (1 cement: 1 find sand) including testing.				
		a) 100 mm dia	Rmts	20		
		b) 150 mm dia	Rmts	20		
		c) 200 mm dia pipes	Per m	20		
	4.4	Providing and laying cement concrete 1:5:10 (1 cement: 5 fine sand: 10 graded stone aggregate 40mm size in bed concrete and all round SW pipes as per standard design for:				
		a) 100 mm dia pipes	Per m	20		
		b) 150 mm dia pipes	Per m	20		
		c) 200 mm dia pipes	Per m	20		
	4.5	Providing and fixing square mouth 'P' type S.W. gully trap of size 150x150mm complete with brick masonry chamber inside cement plaster 1:3 with waterproofing and water tight C.I. cover with frame of 300x300mm inside size,weight of cover to be not less than 2.72 Kg as per standered design	Each	4		

	Sno.	Description	Unit	Qty	Rate	Amount
					(Rs)	(Rs)
	4.6	Construction of brick masonry manhole with 75 class designation brick work 23 cm thick with bricks in cement mortar 1:3 (1 cement : 3 fine sand) with RCC top slab with 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20mm. Nominal size) 25 cm thick foundation concreate 1:2:4 (1 cement: 2 coarse sand :4 graded stone aggregate 20mm. Nominal size) inside plastering 13mm (min) thick with cement mortar 1:3 (1 cement :3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1 cement :2 coarse sand : 4 stone graded aggregate 20mm nominal size), neatly finished as per standard design.				
		a) Inside dimension 80 x 60cm and 60cm deep including CI covers with frame (light duty) 455 x 610 mm. Internal dimensions, total weight of cover and frame to be not less than 38 kg. Weight of frame 15 Kg.	Each	8		
	4.7	Extra for item no. 4.6(b) for additional depth of manholes Size 120 x 90 cms beyond 90 cm depth	Rmts	1		
	4.8	Providing and laying RCC pipe NP –2 as per IS 783-1959 including jointing and testing complete in all respect.				
		a) 200 mm dia	Rmts	20		
		b) 250 mm dia	Rmts	20		
	4.9	Providing and constructing a brick masonry storm water inlet chamber with bricks of CD 75 in cement mortar 1:5 (1 cement: 5 fine sand) inside surface finished with plaster and final coat of neat cement with medium duty C.I. / M.S. cover from top.				
		a) catch basin of size 450x450x450mm	Each	7		
		b) catch basin of size 600x600x600mm	Each	6		
	4.10	Extra depth beyond 450mm for item 4.12a	Rmts	0		
	4.11	Extra depth beyond 600mm for item 4.12b	Rmts	0		
	4.12	Providing and constructing brick masonry sedimentation chamber of 0.6x1.5m & average depth 1m with brick of CD 75 in cement mortar 1:5 (1 cement : 5 fine sand) inside surface finished with plaster and final coat of neat cement with MS grating from top. The walls of chamber should be in double brick. The chamber should be made as per instruction of consultant/Architect.	Each	0		

	Sno.	Description	Unit	Qty	Rate	Amount
					(Rs)	(Rs)
	4.13	Providing materials and constructing a 4000mm dia rainwater harvesting circular chamber, average 2500mm deep, by 75 class designation brick masonary in 1:4 cement morta(1 cement : 4 coarse sand) , average thickness of masonary wall 400mm (thickness of wall varying with depth) inside filled with three horizontal layers of inverted graded natural filter, top layer coarse sand, intermediate layer 2.5-5.0mm gravel and bottom layer 5mm- 20mm gravel complete in each respect constructed as per detailes given by consultant	Each	1		
	4.14	Contructing of water **RECHARGING WELL** (soak-pit- cum-perforated well) 3 m dia. And 5.5 m deep with 1no. 200 mm nomial dia. PVC screen pipe with ribs conforming to IS:12818-1992, 15 mtr. Long upto sub soil water table, including boring etc. earth work excavation upto required depth, brick masonry pitching around 75 class brick in cement mortar 1:4, foundation concrete 1:4:8, 150mm thyick RCC top slab with specified steel reinforcement, centring and shuttering, 1 No. RCC pre-cast man hole cover and frame, with 6 mm thick plastic uncapsulated @ 300 mm c/c as per design and drawing of the Architects complete	Each	1		
	4.15	Contructing of **SEPTIC TANK** (4.50m X 1.50m X 1.20m deep) including earth work excavation upto required depth, brick masonry pitching around 75 class brick in cement mortar 1:4, foundation concrete 1:4:8, 150mm thyick RCC top slab with specified steel reinforcement, centring and shuttering, 1 No. RCC pre-cast man hole cover and frame, with 6 mm thick plastic uncapsulated @ 300 mm c/c as per design and drawing of the Architects complete	Each	1		
	4.16	Contructing of **SOAK PIT** (2.50 m DIA X 3.00m deep) including earth work excavation upto required depth, brick masonry 75 class brick in cement mortar 1:4, foundation concrete 1:4:8, 150mm thyick RCC top slab with specified steel reinforcement, centring and shuttering, 1 No. RCC pre-cast man hole cover and frame boring with PVC pipe upto water level as specifiedand as per design and drawing of the Architects complete	Each	1		
	4.17	Providing and fixing PVC over head tank with cover of approved quality on solid plateform with necessary making holes for GI pipes as required complete .	Litres	20000		
				TOTAL Rs.		

SUMMARY OF PLUMBING WORK

	1	SANITARY FIXTURES			-
	2	HCI SOIL, WASTE PIPES AND FITTINGS			-
	3	GI PIPES AND FITTINGS FOR WATER SUPPLY			
	4	EXTERNAL SEWERAGE, AND RAIN WATER PIPES			
	Total of Pluming work C/O SUMMARY			**Rs.**	**-**



1

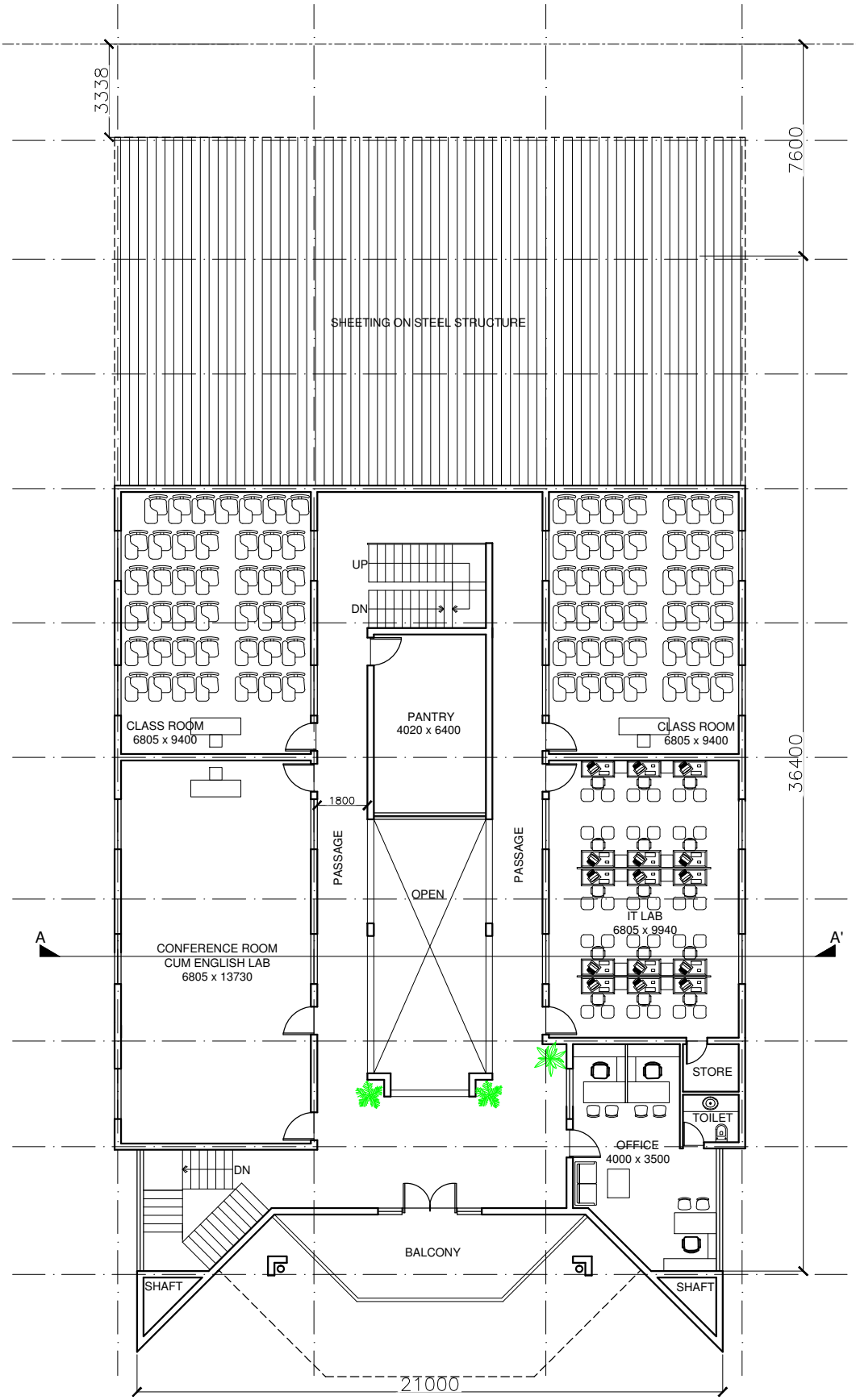
GROUND FLOOR PLAN

FOR TENDER ONLY

PROJECT:-	PROPOSED ITI ACC JAMUL CHATTISGARH
DRG. TITLE:-	GROUND FLOOR PLAN
SHEET SIZE :	DEALT BY :- GURMOHAN SINGH
DATE	07-11-2015
SCALE	CKD. BY:- RAJIV BAJAJ
DRG. No.	AR/ITI/GFP/ 01
SHEET No.	01
CLIENT	M/S ACC LTD.

ARCHITECT:-
DESIGN SYSTEMS
E-261, GREATER KAILASH-II
NEW DELHI-110048,
TEL: 011-29221533, 29225376
EMAIL:- mail@designsystemsindia.com

NORTH



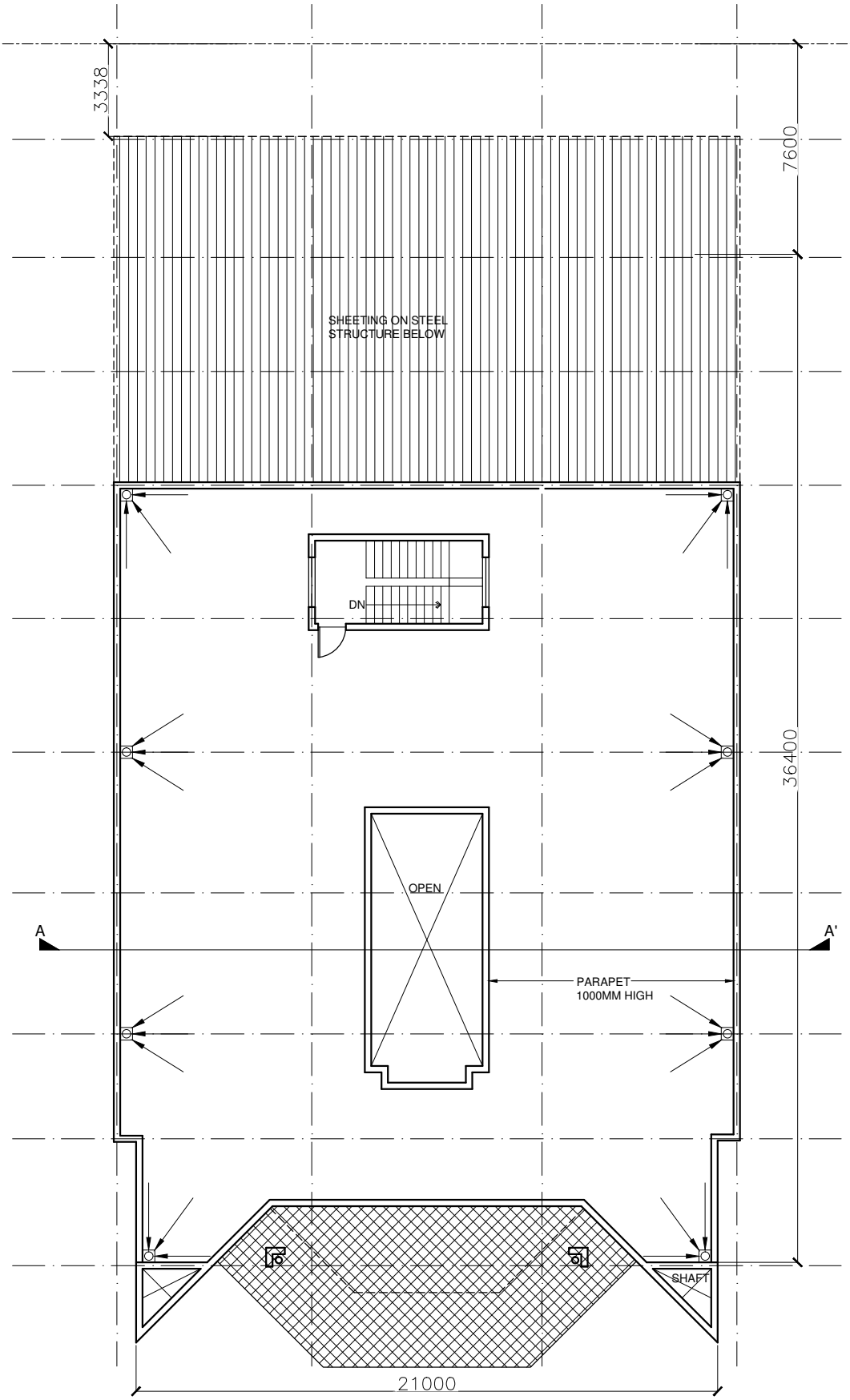
FOR TENDER ONLY

FIRST FLOOR PLAN

PROJECT:-	PROPOSED ITI ACC JAMUL CHATTISGARH
DRG. TITLE:-	FIRST FLOOR PLAN
SHEET SIZE :	DEALT BY :- GURMOHAN SINGH
DATE	07–11–2015
SCALE	CKD. BY:- RAJIV BAJAJ
DRG. No.	AR/ITI/FFP/ 02
SHEET No.	02
CLIENT	M/S ACC LTD.

ARCHITECT:-
DESIGN SYSTEMS
E-261, GREATER KAILASH-II
NEW DELHI-110048,
TEL: 011-29221533, 2922537
EMAIL:- mail@designsystemsindia.com

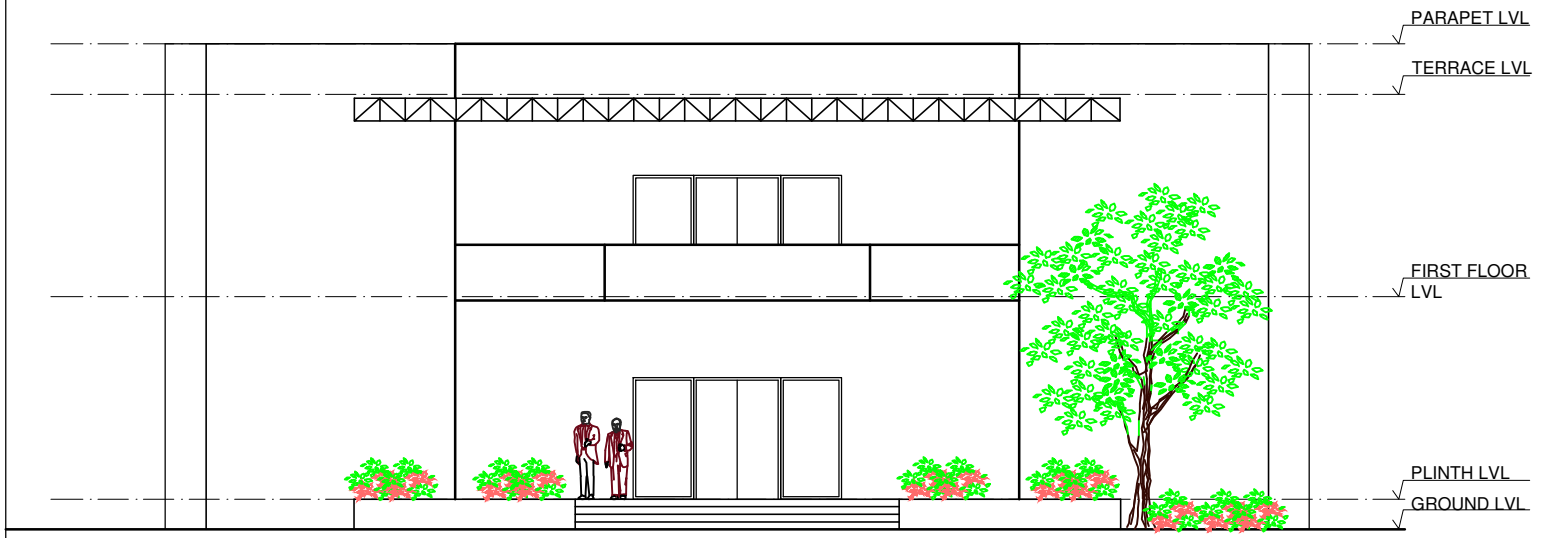
NORTH



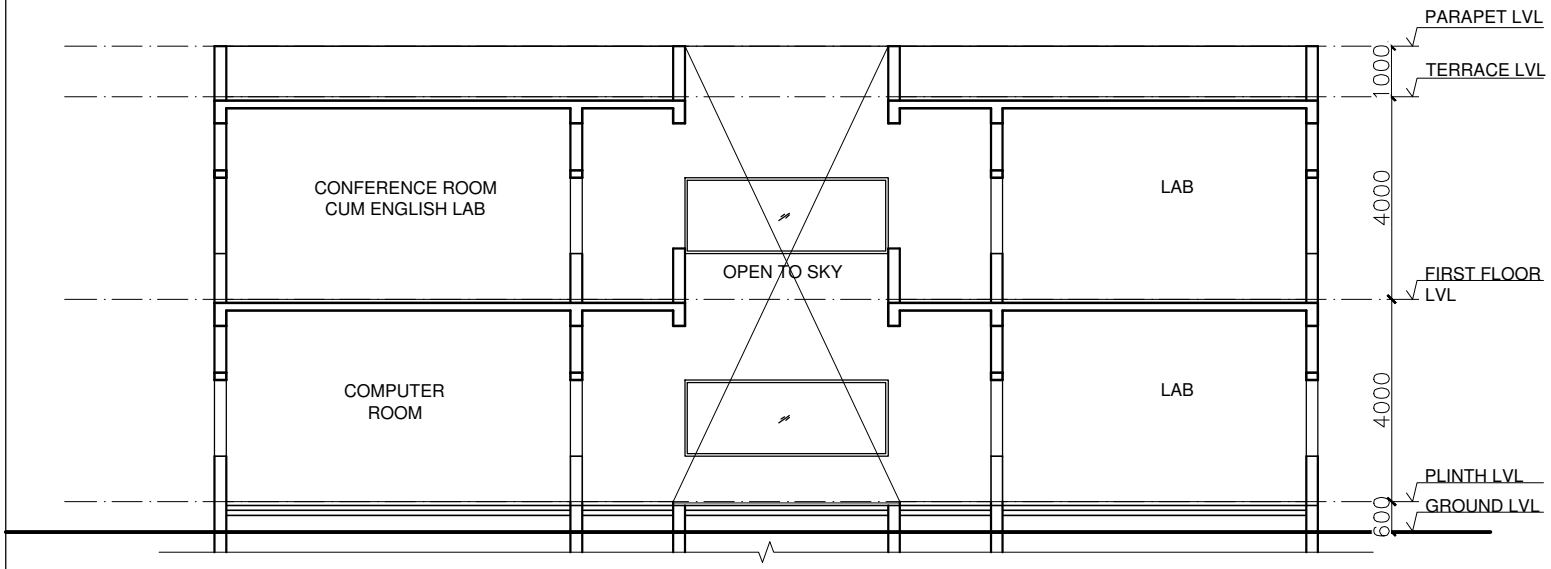
FOR TENDER ONLY

TERRACE FLOOR PLAN

PROJECT:- PROPOSED ITI ACC JAMUL CHATTISGARH	
DRG. TITLE:- TERRACE FLOOR PLAN	
SHEET SIZE :	DEALT BY :- GURMOHAN SINGH
DATE 07–11–2015	
SCALE	CKD. BY:- RAJIV BAJAJ
DRG. No. AR/ITI/TFP/ 03	SHEET No. 03
CLIENT M/S ACC LTD.	
ARCHITECT:- DESIGN SYSTEMS E-261, GREATER KAILASH-II NEW DELHI-110048, TEL: 011-29221533, 29225376 EMAIL:- mail@designsystemsindia.com	NORTH



ELEVATION-1



SECTION-AA'

FOR TENDER ONLY

PROJECT:-
PROPOSED ITI ACC JAMUL CHATTISGARH

DRG. TITLE:-
ELEVATION AND SECTION

SHEET SIZE :	DEALT BY :- GURMOHAN SINGH
DATE 07–11–2015	
SCALE	CKD. BY:- RAJIV BAJAJ
DRG. No. AR/ITI/ELE/ 04	SHEET No. 04

CLIENT
M/S ACC LTD.

ARCHITECT:-
DESIGN SYSTEMS
E-261, GREATER KAILASH-II
NEW DELHI-110048,
TEL: 011-29221533, 29225376
EMAIL:- mail@designsystemsindia.com

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संस्थान प्रबंधन समिति
औद्योगिक प्रशिक्षण संस्था परपोड़ी, जिला-बेमेतरा (छ.ग.)

कमांकः—औप्रस/भण्डार/क्रय/निविदा/2015/ 843 /परपोड़ी, दिनांक 8/12/15

निविदा सूचना

शासकीय औद्योगिक प्रशिक्षण संस्था परपोड़ी जिला बेमेतरा (IMC) द्वारा औजार एवं उपकरण क्रय करने हेतु सीलबंद लिफाफे में आवेदन आमंत्रित किया जाता है। निविदा प्रति संस्था में दिनांक 08/12/2015 से दिनांक 21/12/2015 तक उपलब्ध रहेगा। इच्छुक निविदाकर्ता दिनांक 21/12/2015 दोपहर 1:00 बजे तक निविदा, निविदा राशि 2000/– (दो हजार रूपये) के साथ जमा कर सकता है, निविदा की प्रति एवं नियम/शर्तें राज्य स्तरीय वेबसाइट www.cgstate.gov.in एवं जिला स्तरीय वेबसाइट www.bemetara.gov.in तथा www.itiprpd.in से अपलोड किया जा सकता है। दिनांक 21/12/2015 दोपहर 1:00 बजे के बाद निविदा स्वीकार नहीं किया जावेगा। निविदा शास. औद्योगिक प्रशिक्षण संस्था परपोड़ी, बेमेतरा में दिनांक 21/12/2015 को 3:00 बजे क्रय समिति के समक्ष खोला जावेगा।

(हरीश शर्मा)
प्राचार्य/सचिव
आई.एम.सी. आई.टी.आई.परपोड़ी,
जिला बेमेतरा (छ.ग.)

कार्यालय संस्थान प्रबंधन समिति
औद्योगिक प्रशिक्षण संस्था,परपोड़ी
जिला-बेमेतरा (छ0ग0)

मो.नं. 07821–292198, 9406267681 E-mail ID – itiprpd@rediffmail.com website-www.itiprpd.in

क्रमांकः–औप्रस / आईएमसी / भण्डार / क्रय / निविदा / 2015 / 843 / परपोड़ी, दिनांक 08 / 12 / 2015

–:: ई–प्रोक्योरमेंट निविदा सूचना ::–

संस्थान प्रबंधन समिति (आईएमसी) औप्रस परपोड़ी के अंतर्गत प्रषिक्षण कार्यक्रम हेतु व्यवसाय विद्युतकार, फिटर, आईटी लेब, इम्प्लायब्लिटी स्किल, वर्कषॉप कैल्कुलेषन एण्ड इंजीनियरिंग ड्राईंग हेतु औजार एवं उपकरण का क्रय किया जाना है। क्रय की जाने वाली सामाग्री का विवरण निम्नानुसार है।

व्यवसाय विद्युतकारः–

क्र.	औजार क्रमांक	सामाग्री का विवरण	सामाग्री की मात्रा
1	1	Steel Tap, 15 m length	34 Nos.
2	6	Electrician connector, screw driver insulated handle thin stem 100 mm	31 Nos.
3	10	Klife double bladed Electrician	19 Nos.
4	15	Gimlet 6 mm.	31 Nos
5	23	laddel	1 Nos.
6	25/a	Chisel cold 25 mm	2 Nos
7	25/b	Chisel cold 6 mm	2 Nos
8	37	Pipe Vice	3 nos
9	38	Thermometer 0 -100º C	1 no
10	40	Crimping tool, hand operated (Up to 50mm²)	2 set
11	41	Wire stripper , 20 cm	1 no.
12	44	Hammer Exeter type 0. 40 kg.	2 nos
13	45/a	Hacksaw frame 200 mm	2 nos
14	47	Outside caliper	2 nos
15	54/a	Drill S.S. Twist block 2 mm, 5 mm 6 mm set of 3	4 Nos.
16	54/b	Drill S.S. Twist block 2 mm, 5 mm 6 mm set of 3	4 Nos.
17	54/c	Drill S.S. Twist block 2 mm, 5 mm 6 mm set of 3	4 Nos.
18	55/b	smoothing cutter 50 mm wooden	2 Nos

19	57	File flat 200 mm 2nd cut	2 Nos
20	60	File flat 150 mm rough	4 nos
21	64/a	soldering Iron 25 watt	2 Nos
22	64/b	soldering Iron 65 watt	2 Nos
23	66	Desoldering gun	4 no.
24	68	Table Vice 100 mm jaw	6 Nos
25	70	Pipe cutter to cut pipes above 5 cm. dia	2 nos
26	71	Stock and die set for 20 mm to 50 mm G.I. pipe	1 set
27	72	Stock and dies conduit	1 set
28	73/a	Qhm meter series type	2 nos
29	73/b	Qhm meter shunt type	2 nos
30	75	Digital Multi meter	6 no.
31	79/a	Ammeter MC 0-5 A	1 no
32	79/b	Ammeter MC 0-25 A	1 no
33	80/a	AC Ammeter M.I.. 0-5 A	1 no
34	80/b	AC Ammeter M.I, 0-25 A	1 no
35	81	K.W. Meter 0-1-3KW	1 no.
36	82/b	A.C. Energy meter 3Ø 15 A	1 no.
37	83	power factor meter	1 no
38	85	Flux meter	1 no
39	86	Wheat stone bridge complete with galvanometer and battery	1 set
40	87	Laboratory type induction coil 6 volt to 230V	1 no
41	88	DC power supply 0 - 30 volt 2 Amp	1 no
42	89/a	Rheostat 0 – 1Ω, 5A	1 no.
43	89/b	Rheostat 0 – 10 Ω., 5A	1 no.
44	89/c	Rheostat 0 – 25 Ω, 1A	1 no.
45	89/d	Rheostat 0 – 300 Ω., 1A	1 no.
46	90	Variable auto transformer	1 no
47	91	Battery charger	1 no
48	92	Hydro meter	1 no

49	93	Miniature curcuit breaker 16 Amp (32 Amp) (MCB)	1 No
50	95	fire Extinguisher co2 2 kg	2 nos
51	99	Metal rack 100 x 150 x 45 cm	4 nos
52	103	Tacho meter	1 no.
53	106	Growler	1 no
54	107	Tong Tester/Clamp Meter 0-100 Amp AC	1 no
55	108	Magger 500 Volt	1 no
56	109/a	Contractor Contact 3 phase 440 Volt 16 Amp	1 no
57	109/b	Auxilary Contact 3 phase 440 Volt 16 Amp	1 no
58	110/a	Contractor Contact 3 phase 440 Volt 32 Amp	1 no
59	110/b	Auxilary Contact 3 phase 440 Volt 32 Amp	1 no
60	111	Limit Switch	1 nos
61	112	Rotary Switch 16 Amp	1 no
62	113	Load bank 5 KW lamp/heater type	1 no
63	114	Break Test arrangement with two spring balance 0-25 kg rating	1 no
64	115	Knife Switch DPDT fitted with fuse terminal 16 Amp	4 nos
65	116	Knife Switch TPDT fitted with fuse terminal 16 Amp	4 nos
66	118	Three point D.C. starter	1 no.
67	119	Four point D.C. starter	1 no.
68	120	Electrical machine trainer: -Suitable for demonstrating the construction and functioning of different types of DC machines and AC machines (single phase and three phases). Should be completed with friction brake, dynamo meter instrument panel and power su	1no
69	131	Oscilloscope Dual trace 30 MHZ	1 no
70	134	Linear IC Trainer	1 no
71	135	Digital IC Trainer	1 no
72	136	Oil testing Kit	1 no
73	137	Hygro meter	1 set

74	138/a	a. Cut Out Relays	1 No
75	138/b	b. Reverse Current	1 No
76	138/c	c. Over Current	1 No
77	138/d	d. Under Voltage	1 No
78	Starters for 2 to 5 H.P. A.C. motors		
79	139/a	a. Resistance type starter	1 no
80	139/c/1	c. Star delta starter manual	1 no
81	139/d	d. Auto Transfermer type	1 no
82	141	AC squirrel cage Motor with star delta starter and triple pole iron clad switch with fuse. 2 to 3 HP 3 phase 440 Volt 50 HZ	1 No
83	145	Universal Motor with starter/switch 230 volt 50 HZ 1/4 HP	1 No
84	146	Staper motor with digital controler	1 No
85	148	Bath Impregnating	1 no
86	149	Oven stoving	1 no
87	150	Synchronous motor 3 phase 3 HP 415 Volt 50 HZ 4 pole with accessories	1 no
88	151	Lux meter	1 no
89	152	Inverter 1 KVA with 12 Volt Battery input 12 V DC output 220 V AC	1 no
90	153/g	Mixture & Grinder	1 no
91	154	Thyristor/IGBT controller DC motor drives with tacho generator feedback arrangment 1 HP	1 no
92	155	Thyristor/IGBT controller AC motor drives with VVVF control 3 phase 2 HP	1 no
93	156	Pantium IV Computer or latest (Server-Linux) 2.8 GHz & above 1 GB RAM , 80 GB HDD, DVD Combo drive, 15/17 inch Monitor, Optical scroll mouse, multimedia Keyboard, 30 bit LAN card with UPP port, necessary Drives etc	2 no
94	157	Ink Jet/Laser Printer	1 no
95	158	Washing Machine 20 kg	1 no
96	159	Motor Pump 1 HP 1 Phase 240 Volt	1 no
97	160/a	Pin type insulators	2 nos
98	160/b	shackle type insulators	2 nos
99	160/c	suspension type insulators	2 nos

व्यवसाय फिटरः–

क्र.	औजार क्रमांक	सामाग्री का विवरण	सामाग्री की मात्रा
1	1	Steel Rule 15 cm with metric graduation	8 Nos
2	2	Try Square 10 cm blade.	8 Nos
3	4	Caliper 15 cm hermaphrodite	8 Nos
4	5	Caliper outside 15 cm spring	2 Nos
5	6	Divider 15 cm spring	1 No
6	8	Centre punch 10 cm	8 Nos
7	11	Hammer ball peen 0.45 kg. With handle	1 No
8	12	Hammer ball peen 0.22 kg. With handle.	42 Nos
9	13	File flat 25 cm. second cut	12 Nos
10	14	File flat 25 cm. smooth	6 Nos
11	15	File half round second cut 15 cm.	16 Nos
12	16	Hacksaw frame fixed 30 cm.	42 Nos
13	17	Safety goggles	42 Nos
14	18	.Dot slot punch 10 cm.	8 Nos
15	21	Straight edge 45 cm steel	2 Nos
16	28	Spirit Level 15 cm metal	1 No
17	32	Punch round 3mm x 4 mm set of 2.	2 Nos
18	34	Drill twist s/s 1.5 to 12 mm by 0.5 mm	1 set
19	35	Drill twist S/S 8 mm to 15 mm by ½ mm	1 set
20	39	File warding 15 cm smooth	4 Nos
21	40	File knife edge 15 cm smooth	1 No
22	41	File cut saw 15 cm smooth	4 Nos
23	42	File feather edge 15 cm smooth	4 Nos
24	44	File round 20 cm second cut	4 Nos
25	45	File square 15 cm second cut	2 Nos
26	46	File square 25 cm second cut	4 Nos
27	48	File triangular 20 cm second cut.	5 Nos
28	49	File flat 30 cm second cut.	2 Nos
29	50	File flat 20 cm bastard	1 No

30	51	File flat 30 cm bastard.	8 Nos
31	52	File Swiss type needle set of 12.	2 set
32	53	File half round 25 cm second cut.	8 Nos
33	54	File half round 25 cm bastard.	4 Nos
34	55	File round 30 cm bastard.	4 Nos
35	56	File hand 15 cm second cut.	8 Nos
36	57	Card file	5 Nos
37	58	Oil Stone 15 cm x 5 cm x 2.5 cm	4 Nos
38	59	Stone carborandum 15 cm x 5 cm x 5 cm x 4 cm.	2 Nos
39	62	Soldering Iron 350 gm.	2 Nos
40	63	Blow Lamp 0.50 liters.	2 Nos
41	67	Box spanner set 6-25 mm set of 8 with Tommy bar.	1 set
42	72	Hand Reamer adjustable cover max 9 ,12,18mm – set of 3	1 set
43	73	Hand Reamer taper 4 -9mm set of 6 OR 4 -7 mm set of 4.	1 set
44	74	Reamer parallel 12 - 16mm set of 5.	1 No
45	76	Scraper triangular 15 cm	8 Nos
46	77	Scraper half round 15cm	1 No
47	78/a	Chisel cold 9 mm cross cut	8 Nos
48	78/b	Chisel cold 9 mm diamond.	8 Nos
49	80	Chisel cold 9 mm round noze.	8 Nos
50	86	Micrometer inside 25 - 50 mm with extension rods.	1 set
51	92	Drill twist Taper Shank 12 mm to 25 mm x 1.5.	1 no
52	96	Adjustable pipe tap set BSP with die set cover pipe size 15, 20, 25,32,38,50 mm.	1 set
53	97	Wheel dresser (One for 4 units).	1 No
54	98	Machine vice 10 cm	1 No
55	99	Machine vice 15 cm	1 No
56	101	Vice bench 12 cm jaws.	10 Nos
57	102	Vice leg 10 cm jaw.	2 Nos
58	110	Fire extinguisher (For 4 Units)	2 Nos

59	111	Fire buckets.	2 Nos
60	112	Machine vice 100 mm	2 Nos
61	114	Hand hammer 1 kg. with handle.	2 Nos
62	115	Torque wrench (14 to 68 Nm)	1 No
63	116	Hammer smith 2 kg. With handle.	2 Nos
64	118	Tongs flat 350mm.	1 No
65	119	Smith's square 45 cm x 30 cm.	1 No
66	120	Cold set roded 25X200mm.	2 Nos
67	121	Hot set roded 25X200mm.	1 No
68	122/a	Swages top & bottom 12 mm	1 No
69	122/b	Swages top & bottom 19 mm	1 No
70	125	Fuller top & bottom 6 mm 9 mm (Pair).	2 pair
71	128	Shovel.	2 Nos
72	130	Rake.	2 Nos
73	131	Quenching tank(to be made in the institute)	1 no
74	132	Pocker.	2 Nos
75	133	Hardle.	2 Nos
76	135	Prick punch.	2 Nos
77	136	Mallet.	2 Nos
78	139	Planishing hammer.	2 Nos
79	141	Stake hatchet.	2 Nos
80	142	Stake grooving.	2 Nos
81	143	Gauge imperial sheet.	1 No
82	145/a	Carbide Wear Block 1 mm	2 Nos
83	145/b	Carbide Wear Block 2 mm.	2 Nos
84	146	Gauge snap Go and Not Go 25 to 50 mm by 5mm. Set of 6 pcs.	1 set
85	147	Gauge plug single 3 ended 5 to 55 by 5 mm. Set of 11 pcs.	1 set
86	151	Sine bar 250 mm.	1 No
87	152	Lathe tools H.S.S. tipped set.	2 Nos
88	153	Lathe tools bit 6 mm x 75 mm.	4 Nos
89	154	Lathe tools bit 8 mm x 75 mm.	4 Nos

90	156	Arm strong type tool bit holder R.H.	2 Nos
91	157	Arm strong type tool bit holder L.H.	2 Nos
92	158	Arm strong type tool bit holder straight.	2 Nos
93	159	Stilson wrenches 25 cm	2 Nos
94	161	Pipe bender spool type up to 25 mm. with stand manually operated	1 No
95	166	Depth micrometer 0-25 mm. 0.01 mm.	1 No
96	167	Vernier caliper 0-150 mm. L.C. 0.02 mm.	1 No
97	168	Digital micrometer 0-25 mm outside.L.C. 0.001 mm	1 No
98	171	Surface Roughness comparison plates N1-N12 grade	1 set
99	172	Digital Vernier calliper 0-150 mm L.C. 0.001 mm (optional)	1 No
100	173	SS ans SC center lathe (all geared) with minimum specification as; centre height 150 mm and centre distance 1000 mm along with 3 & 4 jaw chuks, auto feed system, safety guard, taper turning attachment, motorized coolant system, lighting arrangement & standard accessories .	1 No
101	175	Drilling machine bench sensitive 0-12 mm cap motorised with chuck and key.	1 No
102	176	Forge portable hand blower 38 cm to 45 cm.	1 No
103	178	Transformer welding set 150 amps. – continuous welding current, with all accessories and electrode holder	1 set
104	179	Welder cable to carry 200 amps. With flexible rubber cover	20mtr
105	180	Lungs for cable	12 nos
106	181	Earth clamps.	2 nos
107	182	Arc welding table (all metal top) 122 cm X 12 cm X 60 cm with positioner.	1 no
108	183	Oxy – acetylene gas welding set equipment with hoses, regulator and other accessories.	1 set
109	184	Gas welding table with positioner	1 no
110	185	Welding torch tips of different sizes	1 set
111	186	Gas lighter.	2 nos
112	187	Trolley for gas cylinders.	1 no
113	189	Gloves (Leather)	2 pair.
114	191	Spindle key for cylinder valve.	2 Nos
115	192	Welding torches 5 to 10 nozzles.	1 set

116	193	Welding goggles.	4 pair
117	194	Welding helmet with coloured glass	2 nos
118	195	Tip cleaner	10 set

वर्कषाप कैल्कुलेषन एण्ड इंजीनियरिंग ड्राईंग

1	Drawing Board	20 Nos
2	Models : Solid & cut section	as reqiured
3	Table for trainees	20 Nos
4	Stool for Trainees	20 Nos
5	Cupboard (big)	01 no
2	White Board (size : 8fit x 4fit)	01 no
3	Trainer's Table	01 no
4	Trainer's Chair	01 no

Employbility Skill

1	Computer (PC) with latest configurations and Internet connection with standard operating system and standard word processor and worksheet software	10 nos.
2	UPS - 500 Va	10 nos.
3	Scanner cum Printer	1 No
4	Computer Tables	10 nos.
5	Computers Chairs	20 No
6	LCD Projector	1 No.
7	White Board 1200mm x 900mm	1 No.

Technical Item and Software For IT Lab :-

Sno	Name of Item	Specification	Quantity
01	Computer Set	A. (CPU)-Duel core Processor (window 8) 1 GB RAM + 320 GB Hard Disk	11 Nos.
		B. Monitor- LCD Monitor + 19"	
		C Mouse – Optical mouse + Multimedia Keyboard	
		D UPS – 230 V Input, 50/60 Hz 4.5 Amp.	

		Output-230 V, 50/60 Hz, 2.6 Amp.	
02	Printer	HP Laser Jet-220-240 VAC, 50/60 Hz, 2.5 Amp.	02 No.
03	Projector	Over Head digital LCD protector – 360. Revolution.	01 No.
04	White Screen	1200x1400 mm	01 No.
05	White Board	800x1000 mm	01 No.
06	CD/DVD Player	With USB connectivity	01 No.
07	L.E.D.T.P.	32" + USB connectivity (smart TV)	01 No.
08	Master Head Phone	Universal power supply (100-240 AC) + USB + B.T. connectivity	01 No
09	Master Console Unit	Power supply – 230 V A.C. and 50 Hz Power Output-800 mw Size-240x130x110 mm Power Consumption – 20 watts Transducer – 20 Nos Coverage area – 6000 sq ft	01 No
10	Student Head Phone	Similar Configuration of Master Head Phone	10 No.
11	Student Deluxe Unit	As per supported unit	10 No.
Note :- related Software & CDs			
Furniture ITEM for IT Lab:			
01	Computer Table	Top (450x800x15) top bed Height 700 mm 4 rake (a) sliding key board 250x500 (b) CPU – 200x600 © UPS – 200x200 (d) Printer – 200x600	11 No
02	Computer Chair	Normal height 400 mm with Adjustable device	11 No.
03	Executive Table	(700x1200x15) left and right side locker with single key lock.	01 No.
04	Executive Chair	400 mm height with Adjustable device	01 No.
05	Faculty Chair	400 mm height with Adjustable device	03 No.
06	Steel Almirah	18 gauge sheet (1800x700x500) with 4 Rake.	02 No.
07	Book self	(1400x800x400) with 4 Rake(glass covered slider)	01 No.

Requirement of Books for IT Lab:			
01	Learners Dictionary	Hindi to English & English to Hindi Oxford Dictionary	05 Nos.
02	A Course of in listening & Speaking	A Course should be provided for Learning English starting from basic by well educated faculty member	3 month for each batch
03	Learn to Speak English	Advance English Spoken Course related Books	05 Nos.
04	Presentation Skill interview Skill	A course of development of presentation and interview skill should be provided & necessary Books	05 Nos.
05	Communication Skill	Spoken English & communication Skill course have to provided according to syllabus & related Books	05 Nos.
06	Spoken English	Spoken English & communication Skill course have to provided according to syllabus & related Books	05 Nos.

अतः उक्त सामाग्री की आपूर्ति करने हेतु निर्मताओं तथा उनके अधिकृत विक्रेताओ से मोहरबंद निविदायें आमंत्रित की जाती है। इच्छुक निविदाकर्ता **कार्यालय संस्थान प्रबंधन समिति औद्योगिक प्रशिक्षण संस्था.परपोड़ी जिला-बेमेतरा (छ०ग०)** के लेखा शाखा में **2000 रू. (रू. दो हजार मात्र) नगद जमा कर कार्यालयीन दिवस में निविदा प्रपत्र, विस्तृत शर्तें एवं अन्य विवरण प्राप्त कर सकते हैं। निविदा की शर्तें राज्य स्तरीय वेबसाइट www.cgstate.gov.in एवं जिला स्तरीय वेबसाइट** www.bemetara.gov.in तथा www.itiprpd.in में देखे जा सकते हैं

निविदा प्रपत्र बिक्री की अंतिम तिथि – 21/12/2015 – समय 12:00 बजे अपरान्ह।
निविदा जमा करने की अंतिम तिथि – 21/12/2015 – समय 01:00 बजे अपरान्ह।
निविदा खोलने की तिथि – 21/12/2015 – समय 03:00 बजे अपरान्ह।

स्थानः– **कार्यालय संस्थान प्रबंधन समिति औद्योगिक प्रशिक्षण संस्था.परपोड़ी जिला-बेमेतरा (छ०ग०)**

प्राचार्य/सचिव
संस्थान प्रबंधन समिति
औद्योगिक प्रषिक्षण संस्था
परपोड़ी जिला बेमेतरा(छ.ग.)

कार्यालय संस्थान प्रबंधन समिति
औद्योगिक प्रशिक्षण संस्था.परपोड़ी
जिला-बेमेतरा (छ०ग०)

मो.नं. 07821–292198, 9406267681 E-mail ID – itiprpd@rediffmail.com website-www.itiprpd.in

निविदा एवं शर्तें

कार्यालयीन निविदा सूचना क्रमांकः–औप्रस/आईएमसी/भण्डार/क्रय/निविदा/2015/ 843 /परपोड़ी, दिनांक 08/12/15 के अनुक्रम में **कार्यालय संस्थान प्रबंधन समिति औद्योगिक प्रशिक्षण संस्था.परपोड़ी जिला-बेमेतरा (छ०ग०)** हेतु व्यवसाय विद्युतकार, फिटर, आईटी लेब, इम्प्लायब्लिटी स्किल, वर्कषॉप कैल्कुलेषन एण्ड इंजीनियरिंग ड्राईंग हेतु औजार एवं उपकरण की आपूर्ति करने हेतु निर्मताओं तथा उनके अधिकृत विक्रेताओ से मोहरबंद निविदायें निविदा लिफाफों में दिनांक 21/12/2015 समय 01:00 बजे अपरान्ह तक आमंत्रित की जाती है।

निविदा की शर्तें निम्नानुसार हैः–

1. निविदादाता को बंद लिफाफा(अ, ब एवं स) में निविदा प्रस्तुत करना होगा।
2. लिफाफा "अ" में शासन के वाणिज्यिकर विभाग से पंजीयन प्रमाण पत्र, सामाग्रियों के निर्माताओं/अतिधकृत विक्रेता का प्रमाण पत्र, पिछले वर्ष का वाणिज्यिकर विभाग से "चूकता प्रमाण पत्र" पेन नंबर की छायाप्रति, पिछले तीन वर्ष का आयकर रिटर्न के अभिप्रमाणित प्रति एवं अमानत राषि का ड्राफ्ट प्रस्तुत करना अनिवार्य होगा।
3. लिफाफा "ब" में दर सूची प्रस्तुत करना होगा। लिफाफा "अ" और "ब" को बंदकर लिफाफा "स" में प्रस्तुत करना होगा।
4. निविदा का लिफाफा "अ" पहले खोला जावेगा, जिसमें निविदा के निहित शर्तों को पूर्ण करने एवं वैध पाये जाने पर ही लिफाफा "ब" खोला जावेगा।
5. सभी "कर" सम्मिलित करके निविदा दर प्रस्तुत करना होगा, निविदा में उल्लेखित दर के अतिरिक्त अन्य कोई स्वत्व देय नहीं होगा।
6. एक निविदाकार का एक ही निविदा स्वीकार किया जावेगा।
7. निविदादाता को अमानत राषि के रूप में 50000 रू. (शब्दों में रू. पचास हजार मात्र) का किसी राष्ट्रीयकृत बैंक से जारी बैंक ड्राफ्ट/डिमांड ड्राफ्ट/बैंक गारण्टी जो कि PRINCIPAL/SECRETARY, INSTITUTE MANAGEMENT COMMITTTEE OF IND.TRG.INST. PARPODI ITI के पक्ष में जारी हुआ हो, को लिफाफा "अ" के साथ प्रस्तुत करना अनिवार्य है।
8. निविदा मोहरबंद लिफाफे में दिनांक 21/12/2015 अपरान्ह 01:00 बजे तक कार्यालयीन दिवस में प्रस्तुत किया जा सकता है।
9. निविदादाता को निविदा स्वीकृत होने की स्थिति में तत्काल रू. 50 (पचास रू.) के स्टाम्प पर सामाग्री आपूर्ति करने बावत सहमति पत्र/अनुबंध संपादित करना होगा तथा सामाग्री के आपूर्ति क्रय आदेष जारी होने के दिनांक से 15 दिवस के अंदर क्रयादेष में निर्धारित किये गये स्थल तक पहूंचाकर देना होगा। निर्धारित अवधि में सामाग्री प्रदाय नहीं करने पर भुगतान राषि में 0.5 प्रतिषत प्रति सप्ताह या अधिकतम 5 प्रतिषत प्रतिमाह की अनुपातिक कटौती की जावेगी अथवा क्रय आदेष निरस्त किया जाकर आईएमसी आईटीआई परपोड़ी के पक्ष में राजसात किया जा सकेगा।
10. निविदादाता फर्म द्वारा प्रदाय की गई सामाग्रियों का भौतिक सत्याापन आईएमसी की क्रय समिति/गुणवत्ता समिति द्वारा भौतिक सत्यापन गुणवत्ता प्रमाण पत्र के बाद ही भुगतान की कार्यवाही की जावेगी। भौतिक सत्याापन में मिलान नहीं होने पर नियमानुसार कटौती की जावेगी या निरस्त किया जावेगा।
11. आपूर्ति होने पर सामाग्री के कमी, क्षति या हानि के लिए कार्यालय/विभाग जिम्मेदार नहीं रहेगा।
12. निविदा में दर्षित सामाग्री का गुणवत्ता प्रमाण पत्र भारत शासन/छ.ग. शासन से मान्यता प्राप्त संस्था से जारी हो का संकलन करना अनिवार्य है। सामाग्री की एक वर्ष की गुणवत्ता/संचालन की गारण्टी आपूर्तिकर्ता के लेटर हेड में देनी होगी।
13. निविदादाता को सामाग्री के साथ दो प्रतियों में देयक **प्राचार्य/सचिव, संस्थान प्रबंधन समिति औद्योगिक प्रशिक्षण संस्था. परपोड़ी जिला-बेमेतरा (छ०ग०)** को प्रस्तुत करना होगा, जिसका परीक्षण उपरान्त नियमानुसार राषि का भुगतान किया जावेगा।
14. आपूर्तिकर्ता फर्म से नियमानुसार सर्विस टैक्स काटा जाएगा।
15. CD, PDF File, या Excel File में निविदा प्रस्तुत करना होगा।
16. निविदा प्रस्तुत करने पर यह माना जाएगा कि निविदादाता को निविदा की सभी शर्तें मान्य व स्वीकार्य है।
17. इस निविदा में छ.ग. शासन द्वारा जारी सत्यनिष्ठा संधि लागू होगी।
18. विवाद की स्थिति में जिला कलेक्टर बेमेतरा का निर्णय अंतिम व सभी पक्षों को मान्य होगा।

प्राचार्य/सचिव
संस्थान प्रबंधन समिति
औद्योगिक प्रषिक्षण संस्था
परपोड़ी जिला बेमेतरा(छ.ग.)

विषयः– व्यवसाय विद्युतकार, फिटर, आईटी लेब, इम्प्लायब्लिटी स्किल, वर्कषॉप कैल्कुलेषन एण्ड इंजीनियरिंग ड्राईंग हेतु औजार एवं उपकरण की आपूर्ति करने बावत्

प्रपत्र भाग "अ" तकनीकी आर्हता एवं धरोहर राषि

01.	निविदादाता फर्म का नाम एवं पता	:-	.....
			.....
02.	निविदादाता का नाम	:-	.....
			.....
	मोबाईल नंबर	:-	.....
03.	पेन नंबर	:-	.....
05	निविदादाता फर्म का पंजीयन क्रमांक एवं दिनांक	:-	.....
06	यदि फर्म उत्पादन करता है तो उद्योग विभाग का पंजीयन क्रमांक/दिनांक	:-	.....
07	निविदादाता का व्यवपारिक संस्थान जहां से सामाग्री प्रदान किया जाएगा	:-	.....
08	वाणिज्यकर विभाग का पंजीय क्रमांक/दिनांक	:-	.....
09	आयकर चूकता प्रमाण पत्र की छायाप्रति(वर्ष 2012–13, 2013–14 एवं 2014–15)	:-	.....
10	वाणिज्यकर चूकता प्रमाण पत्र की छायाप्रति (वर्ष 2013–14)	:-	.....
11	धरोहर की राषि का धनादेष क्रमांक/बैंक गारण्टी का दिनांक, बैंक का नाम (मूलतः संलग्न करें)	:-	.....
12	पिछले वर्ष का कर समाषोधन पत्रक फार्म 16 प्रस्तुत करना अनिवार्य होगा	:-	.....

निविदादाता का नाम – .....

हस्ताक्षर सहित –.....

नोटः– उपरोक्त कंडिका 03 से 10 तक के सभी प्रमाण पत्र की छायाप्रति स्वसत्यापित संलग्न करना अनिवार्य होगा तथा कंडिका 10 धरोहर राषि का धनादेष मूलतः संलग्न करें। उपरोक्त प्रपत्र में किसी प्रकार के उपरी लेखन होने की दषा में निविदादाता स्वयं जवाबदार होगा।

प्राचार्य/सचिव
संस्थान प्रबंधन समिति
औद्योगिक प्रषिक्षण संस्था
परपोड़ी जिला बेमेतरा(छ.

विषयः– व्यवसाय विद्युतकार, फिटर, आईटी लेब, इम्प्लायब्लिटी स्किल, वर्कषॉप कैल्कुलेषन एण्ड इंजीनियरिंग ड्राईंग हेतु औजार एवं उपकरण की आपूर्ति करने बावत।

प्रपत्र भाग "ब" दर संबंधी विवरण

1. निविदादाता संस्था का पूरा नाम एवं पता :- .....
:- .....
.....
.....

2. निविदादाता का नाम एवं मोबाईल/फोननंबर नंबर :- .....
.....

व्यवसाय विद्युतकारः–

क्र.	औजार क्रमांक	सामाग्री का विवरण	सामाग्री की मात्रा	MAKE	दर प्रति	योग
1	1	Steel Tap, 15 m length	34 Nos.	Freeman		
2	6	Electrician connector, screw driver insulated handle thin stem 100 mm	31 Nos.	Taparia/Everest/ Venus/Semato		
3	10	Klife double bladed Electrician	19 Nos.	Best Quality/Good Make		
4	15	Gimlet 6 mm.	31 Nos	Best Quality/Good Make		
5	23	laddel	1 Nos.	Best Quality/Good Make		
6	25/a	Chisel cold 25 mm	2 Nos	Eigale		
7	25/b	Chisel cold 6 mm	2 Nos	Eigale		
8	37	Pipe Vice	3 nos	Indar/MTC/Sudhir		
9	38	Thermometer 0 -100º C	1 no	Best Quality/Good Make		
10	40	Crimping tool, hand operated (Up to 50mm²)	2 set	Best Quality/Good Make		
11	41	Wire stripper , 20 cm	1 no.	Best Quality/Good Make		
12	44	Hammer Exeter type 0. 40 kg.	2 nos	Taparia/Venus/ Sudhir/Indar/		
13	45/a	Hacksaw frame 200 mm	2 nos	Sudhir/Indar/MTC		
14	47	Outside caliper	2 nos	Sagar/Merciful/ Bharat/Samrat		

15	54/a	Drill S.S. Twist block 2 mm, 5 mm 6 mm set of 3	4 Nos.	JK/Addison		
16	54/b	Drill S.S. Twist block 2 mm, 5 mm 6 mm set of 3	4 Nos.	JK/Addison		
17	54/c	Drill S.S. Twist block 2 mm, 5 mm 6 mm set of 3	4 Nos.	JK/Addison		
18	55/b	smoothing cutter 50 mm wooden	2 Nos	Sudhir/Ajay/MTC		
19	57	File flat 200 mm 2nd cut	2 Nos	JK/Escon/Taparia/Acissor		
20	60	File flat 150 mm rough	4 nos	JK/Addison		
21	64/a	soldering Iron 25 watt	2 Nos	Best Quality/Good Make		
22	64/b	soldering Iron 65 watt	2 Nos	Best Quality/Good Make		
23	66	Desoldering gun	4 no.	Best Quality/Good Make		
24	68	Table Vice 100 mm jaw	6 Nos	Indar/Unique/Daman		
25	70	Pipe cutter to cut pipes above 5 cm. dia	2 nos	Indar/Sudhir		
26	71	Stock and die set for 20 mm to 50 mm G.I. pipe	1 set	Indar/Cobra/Alps		
27	72	Stock and dies conduit	1 set	Indar/Cobra/Alps		
28	73/a	Qhm meter series type	2 nos	Best Quality/Good Make		
29	73/b	Qhm meter shunt type	2 nos	Best Quality/Good Make		
30	75	Digital Multi meter	6 no.	Best Quality/Good Make		
31	79/a	Ammeter MC 0-5 A	1 no	Best Quality/Good Make		
32	79/b	Ammeter MC 0-25 A	1 no	Best Quality/Good Make		
33	80/a	AC Ammeter M.I.. 0-5 A	1 no	Best Quality/Good Make		
34	80/b	AC Ammeter M.I, 0-25 A	1 no	Best Quality/Good Make		
35	81	K.W. Meter 0-1-3KW	1 no.	Best Quality/Good Make		
36	82/b	A.C. Energy meter 3Ø 15 A	1 no.	Best Quality/Good Make		
37	83	power factor meter	1 no	Best Quality/Good Make		

38	85	Flux meter	1 no	Best Quality/Good Make		
39	86	Wheat stone bridge complete with galvanometer and battery	1 set	Best Quality/Good Make		
40	87	Laboratory type induction coil 6 volt to 230V	1 no	Best Quality/Good Make		
41	88	DC power supply 0 - 30 volt 2 Amp	1 no	Best Quality/Good Make		
42	89/a	Rheostat 0 – 1Ω, 5A	1 no.	Best Quality/Good Make		
43	89/b	Rheostat 0 – 10 Ω., 5A	1 no.	Best Quality/Good Make		
44	89/c	Rheostat 0 – 25 Ω, 1A	1 no.	Best Quality/Good Make		
45	89/d	Rheostat 0 – 300 Ω., 1A	1 no.	Best Quality/Good Make		
46	90	Variable auto transformer	1 no	Best Quality/Good Make		
47	91	Battery charger	1 no	Best Quality/Good Make		
48	92	Hydro meter	1 no	Best Quality/Good Make		
49	93	Miniature curcuit breaker 16 Amp (32 Amp) (MCB)	1 No	Best Quality/Good Make		
50	95	fire Extinguisher co2 2 kg	2 nos	Best Quality/Good Make		
51	99	Metal rack 100 x 150 x 45 cm	4 nos	Best Quality/Good Make		
52	103	Tacho meter	1 no.	Best Quality/Good Make		
53	106	Growler	1 no	Best Quality/Good Make		
54	107	Tong Tester/Clamp Meter 0-100 Amp AC	1 no	Best Quality/Good Make		
55	108	Magger 500 Volt	1 no	Best Quality/Good Make		
56	109/a	Contractor Contact 3 phase 440 Volt 16 Amp	1 no	Best Quality/Good Make		
57	109/b	Auxilary Contact 3 phase 440 Volt 16 Amp	1 no	Best Quality/Good Make		

58	110/a	Contractor Contact 3 phase 440 Volt 32 Amp	1 no	Best Quality/Good Make		
59	110/b	Auxilary Contact 3 phase 440 Volt 32 Amp	1 no	Best Quality/Good Make		
60	111	Limit Switch	1 nos	Best Quality/Good Make		
61	112	Rotary Switch 16 Amp	1 no	Best Quality/Good Make		
62	113	Load bank 5 KW lamp/heater type	1 no	Best Quality/Good Make		
63	114	Break Test arrangement with two spring balance 0-25 kg rating	1 no	Best Quality/Good Make		
64	115	Knife Switch DPDT fitted with fuse terminal 16 Amp	4 nos	Best Quality/Good Make		
65	116	Knife Switch TPDT fitted with fuse terminal 16 Amp	4 nos	Best Quality/Good Make		
66	118	Three point D.C. starter	1 no.	Best Quality/Good Make		
67	119	Four point D.C. starter	1 no.	Best Quality/Good Make		
68	120	Electrical machine trainer: -Suitable for demonstrating the construction and functioning of different types of DC machines and AC machines (single phase and three phases). Should be completed with friction brake, dynamo meter instrument panel and power su	1no	Best Quality/Good Make		
69	131	Oscilloscope Dual trace 30 MHZ	1 no	Best Quality/Good Make		
70	134	Linear IC Trainer	1 no	Best Quality/Good Make		
71	135	Digital IC Trainer	1 no	Best Quality/Good Make		
72	136	Oil testing Kit	1 no	Best Quality/Good Make		
73	137	Hygro meter	1 set	Best Quality/Good Make		
74	138/a	a. Cut Out Relays	1 No	Best Quality/Good Make		
75	138/b	b. Reverse Current	1 No	Best Quality/Good Make		

76	138/c	c. Over Current	1 No	Best Quality/Good Make		
77	138/d	d. Under Voltage	1 No	Best Quality/Good Make		
78	Starters for 2 to 5 H.P. A.C. motors					
79	139/a	a. Resistance type starter	1 no	Best Quality/Good Make		
80	139/c/1	c. Star delta starter manual	1 no	Best Quality/Good Make		
81	139/d	d. Auto Transfermer type	1 no	Best Quality/Good Make		
82	141	AC squirrel cage Motor with star delta starter and triple pole iron clad switch with fuse. 2 to 3 HP 3 phase 440 Volt 50 HZ	1 No	Best Quality/Good Make		
83	145	Universal Motor with starter/switch 230 volt 50 HZ 1/4 HP	1 No	Best Quality/Good Make		
84	146	Staper motor with digital controler	1 No	Best Quality/Good Make		
85	148	Bath Impregnating	1 no	Best Quality/Good Make		
86	149	Oven stoving	1 no	Best Quality/Good Make		
87	150	Synchronous motor 3 phase 3 HP 415 Volt 50 HZ 4 pole with accessories	1 no	Best Quality/Good Make		
88	151	Lux meter	1 no	Best Quality/Good Make		
89	152	Inverter 1 KVA with 12 Volt Battery input 12 V DC output 220 V AC	1 no	Best Quality/Good Make		
90	153/g	Mixture & Grinder	1 no	Best Quality/Good Make		
91	154	Thyristor/IGBT controller DC motor drives with tacho generator feedback arrangment 1 HP	1 no	Best Quality/Good Make		
92	155	Thyristor/IGBT controller AC motor drives with VVVF control 3 phase 2 HP	1 no	Best Quality/Good Make		
93	156	Pantium IV Computer or latest (Server-Linux) 2.8 GHz & above 1 GB RAM , 80 GB HDD, DVD Combo drive, 15/17 inch Monitor, Optical scroll mouse, multimedia Keyboard, 30 bit LAN card with UPP port, necessary Drives etc	2 no	Best Quality/Good Make		

94	157	Ink Jet/Laser Printer	1 no	Best Quality/Good Make		
95	158	Washing Machine 20 kg	1 no	Best Quality/Good Make		
96	159	Motor Pump 1 HP 1 Phase 240 Volt	1 no	Best Quality/Good Make		
97	160/a	Pin type insulators	2 nos	Best Quality/Good Make		
98	160/b	shackle type insulators	2 nos	Best Quality/Good Make		
99	160/c	suspension type insulators	2 nos	Best Quality/Good Make		
योग सभी का :–						

व्यवसाय फिटरः–

क्र.	औजार क्रमांक	सामाग्री का विवरण	सामाग्री की मात्रा	**Make**	दर प्रति	योग
1	1	Steel Rule 15 cm with metric graduation	8 Nos	Taparia/Everest/Kristeel		
2	2	Try Square 10 cm blade.	8 Nos	Taparia/Everest/Kristeel		
3	4	Caliper 15 cm hermaphrodite	8 Nos	Mitutoys/sagar/Merciful		
4	5	Caliper outside 15 cm spring	2 Nos	Mitutoys/sagar/Merciful		
5	6	Divider 15 cm spring	1 No	Taparia/Everest/Samrat		
6	8	Centre punch 10 cm	8 Nos	Taparia/Everest/Samrat		
7	11	Hammer ball peen 0.45 kg. With handle	1 No	Taparia/Everest/Samrat		
8	12	Hammer ball peen 0.22 kg. With handle.	42 Nos	Taparia/Everest/Samrat		
9	13	File flat 25 cm. second cut	12 Nos	Taparia/Everest /JK/Escon/Scissor		
10	14	File flat 25 cm. smooth	6 Nos	Taparia/Everest /JK/Escon/Scissor		
11	15	File half round second cut 15 cm.	16 Nos	Taparia/Everest /JK/Escon/Scissor		
12	16	Hacksaw frame fixed 30 cm.	42 Nos	Taparia/Everest/Inder		
13	17	Safety goggles	42 Nos	Karam		
14	18	.Dot slot punch 10 cm.	8 Nos	Taparia/Everest/ Sagar/Merciful/ Bharat/Samra		
15	21	Straight edge 45 cm steel	2 Nos	Best Quality/Good Make		

16	28	Spirit Level 15 cm metal	1 No	Best Quality/Good Make		
17	32	Punch round 3mm x 4 mm set of 2.	2 Nos	Taparia/Everest/ Sagar/Merciful/ Bharat/Samra		
18	34	Drill twist s/s 1.5 to 12 mm by 0.5 mm	1 set	Addison/JK/IT		
19	35	Drill twist S/S 8 mm to 15 mm by ½ mm	1 set	Addison/JK/IT		
20	39	File warding 15 cm smooth	4 Nos	JK/ Escon/ Scissor		
21	40	File knife edge 15 cm smooth	1 No	Taparia/Everest /JK/Escon/Scissor		
22	41	File cut saw 15 cm smooth	4 Nos	Taparia/Everest /JK/Escon/Scissor		
23	42	File feather edge 15 cm smooth	4 Nos	Taparia/Everest /JK/Escon/Scissor		
24	44	File round 20 cm second cut	4 Nos	Taparia/Everest /JK/Escon/Scissor		
25	45	File square 15 cm second cut	2 Nos	Taparia/Everest /JK/Escon/Scissor		
26	46	File square 25 cm second cut	4 Nos	Taparia/Everest /JK/Escon/Scissor		
27	48	File triangular 20 cm second cut.	5 Nos	Taparia/Everest /JK/Escon/Scissor		
28	49	File flat 30 cm second cut.	2 Nos	Taparia/Everest /JK/Escon/Scissor		
29	50	File flat 20 cm bastard	1 No	Taparia/Everest /JK/Escon/Scissor		
30	51	File flat 30 cm bastard.	8 Nos	Taparia/Everest /JK/Escon/Scissor		
31	52	File Swiss type needle set of 12.	2 set	Taparia/Everest /JK/Escon/Scissor		
32	53	File half round 25 cm second cut.	8 Nos	Taparia/Everest /JK/Escon/Scissor		
33	54	File half round 25 cm bastard.	4 Nos	Taparia/Everest /JK/Escon/Scissor		
34	55	File round 30 cm bastard.	4 Nos	Taparia/Everest /JK/Escon/Scissor		
35	56	File hand 15 cm second cut.	8 Nos	Taparia/Everest /JK/Escon/Scissor		
36	57	Card file	5 Nos	Taparia/Everest /JK/Escon/Scissor		
37	58	Oil Stone 15 cm x 5 cm x 2.5 cm	4 Nos	Best Quality/Good Make		
38	59	Stone carborandum 15 cm x 5 cm x 5 cm x 4 cm.	2 Nos	Best Quality/Good Make		
39	62	Soldering Iron 350 gm.	2 Nos	Best Quality/Good Make		
40	63	Blow Lamp 0.50 liters.	2 Nos	Best Quality/Good Make		
41	67	Box spanner set 6-25 mm set of 8 with Tommy bar.	1 set	Taparia/Everest		
42	72	Hand Reamer adjustable cover max 9 ,12,18mm – set of 3	1 set	Sagar/ Merciful/ Bharat/Samrat		
43	73	Hand Reamer taper 4 -9mm set of 6 OR 4 -7 mm set of 4.	1 set	Addison/JK/IT		

44	74	Reamer parallel 12 - 16mm set of 5.	1 No	Addison/JK/IT		
45	76	Scraper triangular 15 cm	8 Nos	Sagar/ Merciful/ Bharat/Samrat		
46	77	Scraper half round 15cm	1 No	Sagar/ Merciful/ Bharat/Samrat		
47	78/a	Chisel cold 9 mm cross cut	8 Nos	Taparia/Everest		
48	78/b	Chisel cold 9 mm diamond.	8 Nos	Taparia/Everest		
49	80	Chisel cold 9 mm round noze.	8 Nos	Taparia/Everest		
50	86	Micrometer inside 25 - 50 mm with extension rods.	1 set	Mitutoys		
51	92	Drill twist Taper Shank 12 mm to 25 mm x 1.5.	1 no	Addison/JK/IT		
52	96	Adjustable pipe tap set BSP with die set cover pipe size 15, 20, 25,32,38,50 mm.	1 set	Inder/ Alps/ Metro/Huma/Cobra		
53	97	Wheel dresser (One for 4 units).	1 No	Sagar/ Merciful Bharat/Samrat		
54	98	Machine vice 10 cm	1 No	Taparia/ Everest/ Sagar/Inder/Unique/MTC		
55	99	Machine vice 15 cm	1 No	Taparia/ Everest/ Sagar/Inder/Unique/MTC		
56	101	Vice bench 12 cm jaws.	10 Nos	Taparia/ Everest/ Sagar/Inder/Unique/MTC		
57	102	Vice leg 10 cm jaw.	2 Nos	Taparia/ Everest/ Sagar/Inder/Unique/MTC		
58	110	Fire extinguisher (For 4 Units)	2 Nos	Best Quality/Good Make		
59	111	Fire buckets.	2 Nos	Best Quality/Good Make		
60	112	Machine vice 100 mm	2 Nos	Taparia/ Everest/ Sagar/Inder/Unique/MTC		
61	114	Hand hammer 1 kg. with handle.	2 Nos	Taparia/ Everest		
62	115	Torque wrench (14 to 68 Nm)	1 No	Taparia/ Everest		
63	116	Hammer smith 2 kg. With handle.	2 Nos	Taparia/ Everest		
64	118	Tongs flat 350mm.	1 No	Taparia/ Everest		
65	119	Smith's square 45 cm x 30 cm.	1 No	Best Quality/Good Make		
66	120	Cold set roded 25X200mm.	2 Nos	Best Quality/Good Make		
67	121	Hot set roded 25X200mm.	1 No	Best Quality/Good Make		
68	122/a	Swages top & bottom 12 mm	1 No	Best Quality/Good Make		

69	122/b	Swages top & bottom 19 mm	1 No	Best Quality/Good Make		
70	125	Fuller top & bottom 6 mm 9 mm (Pair).	2 pair	Best Quality/Good Make		
71	128	Shovel.	2 Nos	Best Quality/Good Make		
72	130	Rake.	2 Nos	Best Quality/Good Make		
73	131	Quenching tank(to be made in the institute)	1 no	Best Quality/Good Make		
74	132	Pocker.	2 Nos	Best Quality/Good Make		
75	133	Hardle.	2 Nos	Best Quality/Good Make		
76	135	Prick punch.	2 Nos	Best Quality/Good Make		
77	136	Mallet.	2 Nos	Best Quality/Good Make		
78	139	Planishing hammer.	2 Nos	Best Quality/Good Make		
79	141	Stake hatchet.	2 Nos	Best Quality/Good Make		
80	142	Stake grooving.	2 Nos	Best Quality/Good Make		
81	143	Gauge imperial sheet.	1 No	Best Quality/Good Make		
82	145/a	Carbide Wear Block 1 mm	2 Nos	Best Quality/Good Make		
83	145/b	Carbide Wear Block 2 mm.	2 Nos	Best Quality/Good Make		
84	146	Gauge snap Go and Not Go 25 to 50 mm by 5mm. Set of 6 pcs.	1 set	Best Quality/Good Make		
85	147	Gauge plug single 3 ended 5 to 55 by 5 mm. Set of 11 pcs.	1 set	Best Quality/Good Make		
86	151	Sine bar 250 mm.	1 No	Sagar/ Merciful Bharat/Samrat		
87	152	Lathe tools H.S.S. tipped set.	2 Nos	Miranda Tools/ Addison/JK/IT		
88	153	Lathe tools bit 6 mm x 75 mm.	4 Nos	Miranda Tools / Addison/JK/IT		
89	154	Lathe tools bit 8 mm x 75 mm.	4 Nos	Miranda Tools/ Addison/JK/IT		
90	156	Arm strong type tool bit holder R.H.	2 Nos	Miranda Tools /Samrat/ Sagar/Merciful/Bharat		
91	157	Arm strong type tool bit holder L.H.	2 Nos	Miranda Tools /Samrat/ Sagar/Merciful/Bharat		
92	158	Arm strong type tool bit holder straight.	2 Nos	Miranda Tools /Samrat/ Sagar/Merciful/Bharat		
93	159	Stilson wrenches 25 cm	2 Nos	Best Quality/Good Make		
94	161	Pipe bender spool type up to 25 mm. with stand manually operated	1 No	Best Quality/Good Make		

95	166	Depth micrometer 0-25 mm. 0.01 mm.	1 No	Mitutoyo		
96	167	Vernier caliper 0-150 mm. L.C. 0.02 mm.	1 No	Mitutoyo		
97	168	Digital micrometer 0-25 mm outside.L.C. 0.001 mm	1 No	Mitutoyo		
98	171	Surface Roughness comparison plates N1-N12 grade	1 set	Best Quality/Good Make		
99	172	Digital Vernier calliper 0-150 mm L.C. 0.001 mm (optional)	1 No	Mitutoyo		
100	173	SS ans SC center lathe (all geared) with minimum specification as; centre height 150 mm and centre distance 1000 mm along with 3 & 4 jaw chuks, auto feed system, safety guard, taper turning attachment, motorized coolant system, lighting arrangement & standard accessories .	1 No	HMT		
101	175	Drilling machine bench sensitive 0-12 mm cap motorised with chuck and key.	1 No	HMT		
102	176	Forge portable hand blower 38 cm to 45 cm.	1 No	Esab/ Ador		
103	178	Transformer welding set 150 amps. – continuous welding current, with all accessories and electrode holder	1 set	Esab/ Ador		
104	179	Welder cable to carry 200 amps. With flexible rubber cover	20mtr	Esab/ Ador		
105	180	Lungs for cable	12 nos	Esab/ Ador		
106	181	Earth clamps.	2 nos	Esab/ Ador		
107	182	Arc welding table (all metal top) 122 cm X 12 cm X 60 cm with positioner.	1 no	Esab/ Ador		
108	183	Oxy – acetylene gas welding set equipment with hoses, regulator and other accessories.	1 set	Esab/ Ador		
109	184	Gas welding table with positioner	1 no	Esab/ Ador		
110	185	Welding torch tips of different sizes	1 set	Esab/ Ador		
111	186	Gas lighter.	2 nos	Esab/ Ador		
112	187	Trolley for gas cylinders.	1 no	Esab/ Ador		
113	189	Gloves (Leather)	2 pair.	Esab/ Ador		
114	191	Spindle key for cylinder valve.	2 Nos	Esab/ Ador		
115	192	Welding torches 5 to 10 nozzles.	1 set	Esab/ Ador		
116	193	Welding goggles.	4 pair	Esab/ Ador		
117	194	Welding helmet with coloured glass	2 nos	Esab/ Ador		
118	195	Tip cleaner	10 set	Esab/ Ador		
योग सभी का						

वर्कषाप कैल्कुलेषन एण्ड इंजीनियरिंग ड्राईंग

क्रमांक	सामाग्री का विवरण	मात्रा	MAKE	दर प्रति	योग
1	Drawing Board	20 Nos	Best Quality/Good Make		
2	Models : Solid & cut section (Prizm, circle, Tringle, Hexagonal, Nuts, Screw)	Each 05 Nos	Best Quality/Good Make		
3	Drawing Table for trainees (Standerd Size)	20 Nos	Best Quality/Good Make		
4	Stool for Trainees (Standerd Size)	20 Nos	Best Quality/Good Make		
5	Cupboard (big,), Steel Almira with Visuble glass	01 no	Best Quality/Good Make		
6	White Board (size : 8fit x 4fit)	01 no	Best Quality/Good Make		
7	Trainer's Table (700x 1200x 1500), Left & Right side locker with single key lock)	01 no	Best Quality/Good Make		
8	Trainer's Chair (400 mm Hight with adjustable device)	01 no	Best Quality/Good Make		
योग सभी काः–					

Employbility Skill

क्रमांक	सामाग्री का विवरण	मात्रा	MAKE	दर प्रति	योग
1	Desktop Computers of the latest configuration prevalent at the time of procurement or with the following minimum features: CPU: 32/64 Bit Core 2 Duo/Quad Core/i3/i5, Speed: 3 GHz or Higher. Cache Memory: - Minimum 3 MB or better. RAM:-8 GB DDR-III or Higher. Hard Disk Drive: 500GB or Higher, 7200 rpm(minimum) or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet(10/100/1000) - Wi-Fi, USB Mouse, USB Keyboard and Monitor (Min. 22 Inch), Standard Ports and connectors. DVD Writer, Speakers And Mic. Licensed Windows Operating System / OEM Pack(Preloaded), Antivirus / Total Security	10 nos.	HCL/Lenovo/Wipro/Dell		
2	UPS – 230 V Input, 50/60 Hz 4.5 Amp. Output-230 V, 50/60 Hz, 2.6 Amp.	10 nos.	Intex/HCL/APC/ Cyber Power		
3	Scanner cum Printer, Laser Jet-220-240 VAC, 50/60 Hz, 2.5 Amp	1 No	HP/Canon/Xerox/Epson		
4	Computer Tables (Top (450x800x15) top bed Height 700 mm	10 nos.			

	4 rake (a) sliding key board 250x500 (b) CPU – 200x600 © UPS – 200x200 (d) Printer – 200x600				
5	Computers Chairs (Normal height 400 mm with Adjustable device)	20 No			
6	LCD Projector HD with antiglare screen	1 No.	Canon/Samsung/Soni		
7	White Board 1200mm x 900mm	1 No.			
				योग सभी काः–	

Technical Item and Software For IT Lab :-

क.	सामाग्री का नाम	सामाग्री का विवरण	सामाग्री की मात्रा	Make	दर प्रति	योग
01	Computer Set	B. (CPU)-Duel core Processor (window 8) 1 GB RAM + 320 GB Hard Disk B. Monitor- LCD Monitor + 19” C Mouse – Optical mouse + Multimedia Keyboard D UPS – 230 V Input, 50/60 Hz 4.5 Amp. Output-230 V, 50/60 Hz, 2.6 Amp.	11 Nos.	HCL/Lenovo/Wipro/ Dell		
02	Printer	HP Laser Jet-220-240 VAC, 50/60 Hz, 2.5 Amp.	02 No.	HP/Canon/Xerox/ Epson		
03	Projector	Over Head digital LCD protector – 360. Revolution.	01 No.	Canon/Samsung /Soni		
04	White Screen	1200x1400 mm	01 No.			
05	White Board	800x1000 mm	01 No.			
06	CD/DVD Player	With USB connectivity	01 No.			
07	L.E.D.T.P.	32” + USB connectivity (smart TV)	01 No.	Panasonic/Samsung /Soni		
08	Master Head Phone	Universal power supply (100-240 AC) + USB + B.T. connectivity	01 No	Philips/Soni/Tuelip		
09	Master Console Unit	Power supply – 230 V A.C. and 50 Hz Power Output-800 mw Size-240x130x110 mm Power Consumption – 20 watts Transducer – 20 Nos Coverage area – 6000 sq ft	01 No	Yamha/Aahuja		

10	Student Head Phone	Similar Configuration of Master Head Phone	10 No.			
11	Student Deluxe Unit	As per supported unit	10 No.			
Note :- related Software & CDs						
Furniture ITEM for IT Lab						
01	Computer Table	Top (450x800x15) top bed Height 700 mm 4 rake (a) sliding key board 250x500 (b) CPU – 200x600 © UPS – 200x200 (d) Printer – 200x600	11 No			
02	Computer Chair	Normal height 400 mm with Adjustable device	11 No.			
03	Executive Table	(700x1200x15) left and right side locker with single key lock.	01 No.			
04	Executive Chair	400 mm height with Adjustable device	01 No.			
05	Faculty Chair	400 mm height with Adjustable device	03 No.			
06	Steel Almirah	18 gauge sheet (1800x700x500) with 4 Rake.	02 No.			
07	Book self	(1400x800x400) with 4 Rake(glass covered slider)	01 No.			
Requirement of Books for IT Lab:						
01	Learners Dictionary	Hindi to English & English to Hindi Oxford Dictionary	05 Nos.			
02	A Course of in listening & Speaking	A Course should be provided for Learning English starting from basic by well educated faculty member	3 month for each batch			
03	Learn to Speak English	Advance English Spoken Course related Books	05 Nos.			
04	Presentation Skill interview Skill	A course of development of presentation and interview skill should be provided & necessary Books	05 Nos.			
05	Communication Skill	Spoken English & communication Skill course have to provided according to syllabus & related	05 Nos.			

		Books				
06	Spoken English	Spoken English & communication Skill course have to provided according to syllabus & related Books	05 Nos.			
योग सभी काः–						

(दर शब्दों में लिखे रू0 – .....)

कार्यालय संस्थान प्रबंधन समिति औद्योगिक प्रशिक्षण संस्था.परपोड़ी जिला-बेमेतरा (छ०ग०) द्वारा क्रय ये जाने वाले उपरोक्त सामाग्री मेरे द्वारा प्रस्तुत दर प्रदाय करने हेतु तथा छ.ग. भण्डार क्रय नियम के पालन हेतु सहमत हु तथा विभाग से अनुबंध निष्पादित करने के लिए बाध्य रहूंगा एवं सभी प्रकार के करें का जो भी भुगतान होगा वहन करूंगा मेरे द्वारा नियम एवं शर्तों का अध्ययन कर लिया गया है जिसके लिए मैं सहमत हूं।

निविदादाता का नाम – .....

हस्ताक्षर सहित मो./फोन नंबर–.....

नोटः– प्रस्तुत दरों में किसी भी प्रकार के उपरी लेखन मान्य नहीं किया जावेगा।

प्राचार्य/सचिव
संस्थान प्रबंधन समिति
औद्योगिक प्रषिक्षण संस्था
परपोडी जिला बेमेतरा(छ.ग.)