HEAVY ENGINEERING CORPORATION LIMITED CIVIL CONTRACT CELL Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

Dated: -- 28.02.2018



Open Tender Notice

RENOVATION OF E.S.I HOSPITAL (SECTOR-IV) IN HEC TOWNSHIP

Heavy Engineering Corporation Limited, Ranchi-834004 (A Govt. of India Enterprise): An ISO 9001:2008 company

Civil Contract Cell

Phone No. 0651-2401186/57 FAX No. 0651-2401571

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

CHAPTER-1: GENERAL

1. PURPOSE FOR OPEN TENDER:

Heavy Engineering Corporation Limited (A Govt. of India Enterprise) -Ranchi intends to renovate E.S.I Hospital (sector-IV) in HEC Township.

CIVIL CONTRACT CELL/HEC is inviting a Two Part Bid (i.e. Part-I for Techno-commercial Bid, EMD & Part-II for Price Bid) open tender for work mentioned below from reputed/working contractors of HEC or outside of HEC having experience for executing civil & electrical work in reputed Pvt./Govt. Organization in past.

2. SCOPE OF WORK:

""For the work of "Renovation of E.S.I Hospital (sector-IV) in HEC Township" will be offered on "as is where is basis" with the detailed scope of work as mentioned below.

A. CIVIL WORK OF MAIN BUILDING:

SI No	Description of item/work	Unit	Qty	Quoted (Yes or No)
1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicon additive of required shade, new work two or more coats applied @ 1.43 lter/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10sqm.	M2	469	
2	Providing two coats of oil bound distemper of approved shade and make over new surface including washing ,cleaning and preparing the walls, scaffolding ,washing of floor and taxes all complete as per direction of E/I.	M2	1386.00	
3	Providing two or more coats of synthetic enamel paint of approved shade over wooden or steel doors ,ventilators and frames and other surface wherever required including cleaning the surface with brushes ,sand papers ,all complete with labours ,materials as per direction of E/I.	M2	83.00	
4	Providing two or more coats of synthetic enamel paint of approved shade over new wooden or steel doors ,ventilators and frames and other surface wherever required including cleaning the surface with brushes ,sand papers ,all complete with labours ,materials as per direction of E/I.	M2	141	
5	Supplying, fitting and fixing Vitreous White glaze earthen I.W.C with 'p' trap of parryware make including supplying 12.50 Ltr Low level PVC Cistern(Size 580x440mm)	Each	5	
6	Supplying , fitting and fixing vitreous white glaze earthen ware wash hand basin of parryware make supported on painted C.I or R.S bracket (Size 630x450mm)	Each	5	
7	Providing and fixing white vitreous China Flat back half stall urinal of size 580x380x350mm with PVC automatic flushing cistern (5 Ltr)	Each	10	

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

Dated: -- 28.02.2018

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

Quoted SI Qtv Description of item/work Unit Yes or No) No Supplying, fitting and fixing the following items complete with all 8 materials as per specification and direction of E/I. Providing and fixing white vitreous China laboratory sink of size 9 No 3 450x300x150mm Glass shelf with C.P Brass rail (Size 600x125mm) glass shelf (a) Each 5 Mirrors of 6mm thick plate glass bevelled edge mirror including C.P Brass revolving fitting 3mm ply wood board and C.P hinges to fix with 5 (b) Each mirror (Size of Mirror 600x450mm) C.P brass towel rail 20mmx600mm with bracket container Each 5 (c) 5 (d) C.P brass liquid soap container Each Providing & fixing chlorinated polyvinyl chloride 15mm (CPVC) pipes (Concealed work) having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fitting, including fixing the 10 RM100 pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement & testing of joints complete as per direction of Engineer in Charge. fixing chlorinated chloride Providing & polyvinyl (CPVC)(Concealed work) pipes having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fitting, 11 RM80 including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement & testing of joints complete as per direction of Engineer in Charge. Supply and fixing of 1/2 "(15mm dia) brass bib cock with all complete. 12 Nο 10 Supply and fixing of 1/2 " (15mm dia) brass stop cock with all 13 10 Nο complete. Supply and fixing of 1/2 (15mm dia) "G.I long thread with all 14 No 6 complete. Supply and fixing of 3/4 " (20mm dai) G.I long thread with all 15 No 6 Supply and fixing of 4" (100mm dia) PVC Pipe(10 Feet Length) with 16 No 10 all complete. Supply and fixing of 4" (100mm dai) PVC door bend with all complete. No 12 17 18 Supply and fixing of 4"(100 mm dia) PVC D/S with all complete. No 10 Supply and fixing of 3" (75mm dia) PVC Pipe (10 Feet Length) with all 19 Nο 6 complete. Supply and fixing of 3" (75mm dia) bend plain with all complete. 3 20 No 21 Supply and fixing of (75mm dia) PVC door bend with all complete. No 10 22 Supply and fixing of 3"(75mm dia) PVC door tee with all complete. No 10 Supply and fixing of 3"(75mm dia) PVC pipe double socket with all 24 No 10 complete. 25 (h) Kitchen Sink (Size 600mm x450mm x200mm) No 3

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

.....

SI No	Description of item/work	Unit	Qty	Quoted (Yes or No)
26	Supply and fixing of PVC water tank of capacity 2000 Litre (made of Himgiry, Syntex and Gangotry) with locking arrangement.	Ltr	10000	
27	Supply and fixing of trio wall mixure(Parryware make) 3 in 1 for bathroom with all complete	No	3	
28	Supply and fixing of Venus water heater 25Ltr GL/IV with all complete.	No	3	
29	Supply and fixing of 1 HP motor(Sharp make) with all complete	No	2	
30	Dismantling of old plaster	M2	469	
31	Providing 25mm thick cement plaster (1:6) with clean coarse sand of F.M.1.5 including screening, curing, with all leads and lifts of water, scaffolding taxes and royalty all completes as per building specification and direction of E/I.(ROOF)	M2	469	
32	Providing 25mm thick cement plaster (1:6) with clean coarse sand of F.M.1.5 including screening, curing, with all leads and lifts of water, scaffolding taxes and royalty all completes as per building specification and direction of E/I.(Wall Area)	M2	522	
33	Providing and laying APP (Atactic polypropylene polymer) modified prefabricated five layer 3mm thick water proofing membrane ,	M2	522	
34	Providing and laying ceramic glazed floor tiles 300x300mm or more(Thickness to be specified by the manufacturer) of first quality confirming to IS:15622 of approved make in all colours ,shades except white,vory,grey,fume, redbrown laid on 20mm thick cement mortar 1:4(1cement:4 coarse sand) including pointing the joint with white cement and matching pigments etc.all complete	M2	31	
35	Providing and fixing ist quality ceramic glazed wall tiles confirming to IS:15622 of approved make in all colors ,shades except burgundy, bottle green, black of any size as approved by engineer-in charge in skirting, risers of steps and dados over 12mm thick bed cement mortar 1:3(1cement:3 coarse sand) including jointing with grey cement slurry@ 3.3kg per sqm including pointing the joint with white cement and matching pigments etc.all complete	M2	49	
36	Supply and fixing of exhaust fan of dia 12" with all complete	No	1	
37	Providing and fixing of inverter (Battery) 1600VA UPS with double battery IT 750, 200ah(Exide Make) with trolly double Tubular with all complete	No	1	
38	Supply and fixing of parryware hand shower with all complete	No	5	
39	Supply and fixing of parryware over head shower with all complete	No	5	
40	Supply and fixing of parryware shower arm & flange with all complete	No	5	
41	Supply fitting and fixing 32mm thick good quality, well dressed well seasoned wood fully paneled shutters(Frame made of sal wood and panel of sisum wood) in door and window with 20mm thick panels-do-	M2	26	
42	Supply fitting and fixing 38mm thick good quality, well dressed well seasoned sal wood 1/3rd glazed and 2/3rd paneled shutters in door and window with 25mm thick panels with sal wood beats and taxes -	M2	44.61	
43	Supply fitting and fixing , well dressed well seasoned sal wood work in chukhat in doors and windows.	M2	1.65	

HEAVY ENGINEERING CORPORATION LIMITED CIVIL CONTRACT CELL Disart Disart Parachine 02 4004 (Theorite and 1)

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

Dated: -- 28.02.2018

SI No	Description of item/work	Unit	Qty	Quoted (Yes or No)
44	Supply and fixing of collapsible gate of approved size and make properly fabricated with vertical double channel 20x10x2mm at 100mm Centers and braced with M.S flat diagonal 20x10x3mm	M2	12.6	

B. WORK OF BOUNDARY WALL OF CAMPUS BY R.C.C:

SI No	Description of item/work	Unit	Qty	Quoted (Yes or No)
1	Earthwork in excavation in foundation in ordinary soil (vide classification of soil item-A) and disposal of excavated earth as obtained to a distance of up to 50M including all lifts,, leveling, ramming the foundation trenches, removing roots of trees, shrubs, all complete as per approved design building specification and direction of E/I.	M3	60.00	
2	Filling in foundation trench and plinth in layers not exceeding 150mm thick well watered , rammed fully compacted and fine dressed with earth obtained after cuttings within a lead of 50M and lift of 1.5M all complete as per building specification and direction of E/I.	МЗ	20.00	
3	Providing P.C.C.M -150 in foundation with normal mix of (1:2:4) with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including centering, shuttering, screening, mixing cement concrete in mixer, placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I.	M3	1.44	
4	Providing R.C.C.M -150 with normal mix of (1:2:4) in beam of all types with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position ,vibrating, striking, curing (but excluding the cost of reinforcement ,taxes and royalty all complete as per building specification and direction of E/I.	МЗ	4.5	
5	Providing R.C.C.M -150 with normal mix of (1:2:4) in column with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position ,vibrating, striking, curing (but excluding the cost of reniforcement ,taxes and royalty all complete as per building specification and direction of E/I.	M3	4	
6	Providing designation 75 A brick work in C.M (1:6) in foundation and plinth with approved quality of clean coarse sand of F.M. 2 to2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints 15mm depth, curing, taxes and royalty all complete as per building specification and direction E/I.	M3	25	

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

Dated: -- 28.02.2018

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

SI No	Description of item/work	Unit	Qty	Quoted (Yes or No)
7	Providing 25mm thick cement plaster (1:6) with clean coarse sand of F.M.1.5 including screening, curing, with all leads and lifts of water, scaffolding taxes and royalty all completes as per building specification and direction of E/I.	M2	230.00	
8	Steel reinforcement for RCC work including straighting, cutting, bending, placing in position and binding all complete with Thermo Mechanically Treated Bars.	Kg	342.00	
9	Finshing walls with Premium Acrylic Smooth exterior paint with Silicon additive of required shade, new work two or more coats applied @ 1.43 lter/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10sqm.	M2	259	

C. WORK OF BOUNDARY WALL OF ESI HOSPITAL CAMPUS BY FENCING:

SI No	Description of item/work	Unit	Qty	Quoted (Yes or No)
1	Barbed wire of 4 point, 2ply 12 SWG, 150mm apart	Kg	129.6	
2	Labour for fitting and fixing barbed wire fencing in five rows horizontal upto a height of 1.25 mtr and two diagonals including fixing of post in cement concrete at 2.5 m.Centres including cost of Staples -do-	М	1080	
3	Angles to be used of size (90x90x6mm(GerA)	MT	1.09	
4	Earthwork in excavation in foundation in ordinary soil (vide classification of soil item-A) and disposal of excavated earth aas obtained to a distance of up to 50M including all lifts,, leveling, ramming the foundation trenches, removing roots of trees, shurbs, all complete as per approved design building specification and direction of E/I.	M3	30.24	
5	Filling in foundation trench and plinth in layers not exceeding 150mm thick well watered, rammed fully compacted and fine dressed with earth obtained after cuttings within a lead of 50M and lift of 1.5M all complete as per building specification and direction of E/I.	МЗ	10.08	
6	Providing P.C.C.M-150 in foundation with normal mix of (1:2:4) with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including centering, shuttering, screening, mixing cement concrete in mixer, placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I.	M3	4	
7	Labour for fabricating, erecting, hoisting and fixing imposition structural steel work in R.S Joist, channel, Angle, Tee Flate Plate larice member , build up compound section in column , girder, staircase, or truss including cost of gusset plate , holding down bolts, anchor plates at all height and depth , bolting, welding(Machinery wherever required) with applying a priming coat of red lead paint all complete as per approved drawing, building specification and direction nof E/I.	MT	1.09	

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

D. <u>ELECTRICAL WORK:</u>

SI No.	DESCRIPTION OF SUPPLY ITEMS	Unit	Qty	Quoted (Yes or No)
1	Supply of L.E.D Tube light 40 Watt T8 including fixture(Neutral light/Cool white)	No	35	,
2	Supply of L.E.D Bulk head light 7/12 watt including fixture(Neutral light/Cool white)	No	25	
3	Supply of L.E.D Bulk head light 9/12 watt including fixture(Neutral light/Cool white)	No	15	
4	Outdoor light L.E.D 40 Watt	No	10	
5	Supply of L.E.D post top 18 watt with IP-65 protection including fixure(Neutral light/Cool white)	No	10	
6	Incomer 63A MCB as incomer	No	10	
7	Single pole B MCB 6A -32A	No	24	
8	8 Pvc Modular switch board with G.I Box and accessories	No	15	
9	12 Pvc Modular switch board with G.I Box and accessories	No	10	
10	6A Modular type piano switch	No	95	
11	6A Modular type socket	No	30	
12	Blank Filler	No	10	
13	Modular fan regulator	No	20	
14	1x20A Switch with socket in modular switch board with MS box including accessories	No	10	
15	Calling Bell with base	No	5	
16	Wall fan including accessories	No	5	
17	Supply of PVC Casing(20mm) for wiring	М	200	
18	Supply of PVC Casing(25mm) for wiring	М	300	
19	Supply of 1/2" UPVC Pipe including accessories (in metre)	М	100	
20	Gamg Box	No	6	
21	Ceiling Rose	No	95	
22	PVC Sheet Board 8"x6"	No	20	
23	PVC Sheet Board 7"x4"	No	20	
24	4 sqm m cable FR PVC Lighting cable as per IS 694 (in meter)	М	300	
25	2.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	150	
26	1.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	350	
27	Supply of exhaust fan dia 12" with all complete	No	6	
28	Supply of HBSV Lamp 250 watt with all complete	No	6	
29	Batten Holder	No	40	
30	100 Amp TPN Switch disconnector fuse unit with ISI marked HRC Fuse	No	1	
31	100 Amp Four pole on load change over switch in sheet ecloser with side handle operation	No	1	
32	00 Amp, TPN Switch disconnector for fuse unit rewireable type	No	1	

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

	INSTALLATION CHARGE/FITTINGS COST					
SI No.	SERVICE/INSTALLATION	Unit	Qty	Quoted (Yes or No)		
1	Supply of L.E.D Tube light T8 including fixture (Neutral light/Cool white)	No	35			
2	Supply of L.E.D Bulk head light 7/12 watt including fixture(Neutral light/Cool white)	No	25			
3	Supply of L.E.D Bulk head light 9/12 watt including fixture(Neutral light/Cool white)	No	15			
4	Outdoor light L.E.D 40 Watt	No	10			
5	Supply of L.E.D post top 18 watt with IP-65 protection including fixure(Neutral light/Cool white)	No	10			
6	Incomer 63A MCB as incomer	No	10			
7	Single pole B MCB 6A -32A	No	24			
SI No.	SERVICE/INSTALLATION	Unit	Qty	Quoted (Yes or No)		
8	8 Pvc Modular switch board with G.I Box and accessories	No	15			
9	12 Pvc Modular switch board with G.I Box and accessories	No	10			
10	6A Modular type piano switch	No	95			
11	6A Modular type socket	No	30			
12	Blank Filler	No	10			
13	Modular fan regulator	No	20			
14	1x20A Switch with socket in modular switch board with MS box including accessories	No	10			
15	Calling Bell with base	No	5			
16	Wall fan including accessories	М	5			
17	Supply of PVC Casing(20mm) for wiring	М	200			
18	Supply of PVC Casing(25mm) for wiring	М	300			
19	Supply of 1/2" UPVC Pipe including accessories (in meter)	No	100			
20	Gamg Box	No	6			
21	Ceiling Rose	No	95			
22	PVC Sheet Board 8"x6"	No	20			
23	PVC Sheet Board 7"x4"	No	20			
24	4 sqm m cable FR PVC Lighting cable as per IS 694 (in meter)	М	300			
25	2.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	150			
26	1.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	350			
27	Supply of exhaust fan dia 12" with all complete	No	6			
28	Supply of HBSV Lamp 250 watt with all complete	No	6			
29	Batten Holder	No	40			

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

E. Technical specification of Generator:

SL.No.		Description of	items	UoM	Qty	Quoted (YES/NO)
			SILENT DC GENERATOR WITH ALL	Nos.	1 set	
1	ENGINE	TYPE & MODEL	4 STROKE & G-30			
•	2.10.112	MANUFACTURER	ESCORTS LIMITED			
		SPECIFICATION TO WHICH THE DIESEL ENGINE CONFIRMS	IS 10000, BS 5514 (7.3 OF 'CPCB' PROCEDURE AND AS PER REQUIREMENT OF RULE 95 OF ENVIREMENT AMENDMENT RULES,2004 OF GSR 448(E),DATED 12.07.2004 NOTIFIED BY GOV. OF INDIA.)			
		METHOD OF STARTING	12 V DC			
		\ /	46			
		METHOD OF COOLING	LIQUIRED COOLING			
		DG SET RATING RPM	30 KVA 1500			
		ASPIRATION	Natural			
		NO. OF CYLINDER	3			
		ENGINE EFFICIENCY AT FULL				
	LOAD		0.4.0500ND			
		TIME REQUIRED FOR STARTING	2-4 SECOND			
		DISPLACEMENT(CC)	3120			
		BATTERY	90 Amp Hrs			
		TYPE OF SPEED GOVERNOR	MECHENICAL – AI			
		SPECIFICATION OF LUBRICATING OIL	API CF 4 ,15 W 40			
		SPECIFICATION FOR FUEL LUBRICATING OIL RECOMMNEDED	HIGH SPEED DIESEL			
		CONSUMPTION(gram/bhp/hrs)	155(Most Fuel Economical in the industry)			
	ALTERNATOR		THREE PHASE			
		RATED POWER OUTPUT (KVA)				
			415			
		RPM FREQUENCY	1500 50 HZ			
	CONTROL	CLASS OF INSULATION	BRUSHLESS, H CLASS STANDARD CONTROL PANEL			
	PANEL					
	FUEL TANK	150 LITER				
	WEIGHT OF DG SET	1085 KG				
	ACOUSTIC	PP POWDER COATED WHETHE	ER PROOF PAINT			
	ENCLOSER	LENGTH(mm)	2400			
		WIDTH(mm)	930			
		HIEGHT(mm)	1385			

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003	Dated: 28.02.2018
Work Completion period (Ref Clause No: 20)Months	(To be filled by bidder).

3. GENERAL INSTRUCTIONS FOR THE BIDDER:

Sealed tender is invited from experienced contractors having sound financial background to undertake the task of major civil & electrical works. Contractors registered with CPWD, State PWD, MES, reputed private Ltd Company, other government departments and Central Govt Public Sector Undertakings are eligible to apply.

SL.No	Head	Detail			
		"RENOVATION OF E.S.I HOSPITAL			
Α	Name of Work	(SECTOR-IV) IN HEC TOWNSHIP"			
В	Earnest Money Deposit in form of DD/BANK GAURANTTEE	Rs 30,000/-(Rupees Thirty Thousand)			
С	Cost of Tender Papers	Rs 500/-			
D	Sale of Tender Paper	28 th February 2018 to 22 nd March 2018			
		(10.30 am to 04.00 pm on all working days.)			
E	Last Date & Time for Submission	22 nd March 2018 by 13.00 hrs			
F	Opening of techno commercial bid	22 nd March 2018 at 15.00 hrs			
G	Completion Period	Within 03 months from date of award of work			
		order.			
Н	Maintenance / Guarantee Period	12 months from the date of issue of completion certificate to the contractor by HEC.			

- Tender documents may be obtained on submission of tender document fees Rs.500/- from the Dy.manager, Room No 07, Ground Floor, HMBP Administrative Building HEC between 09.30 AM to 4:00 PM on all working days from 01st March' 2018 to 21st March 2018, both days inclusive.
- 2. The tender document may also be downloaded from HEC Website www.hecltd.com. Bidders who download the forms from the website will pay for the cost of the tender papers in the form of Demand Draft in favor of "Heavy Engineering Corporation Limited" payable at Ranchi along with completed tender document duly signed.

3. Submission of tender:

The tenderer shall submit his tender in one sealed envelope containing two separate sealed envelopes mentioning the heading TECHNICAL BID & EMD (Part-1) and PRICE BID (Part-II).

Part I -- will comprise of Technical Offer covering all terms and conditions except the price. Both the Demand Drafts against Application fee of tender document for bidder who downloaded tender documents from website and Earnest Money are to be submitted in Part – I itself.

Part II --will be Price Bid as per "Annexure-B".

4. The sealed tender must be addressed to Chief of Township, HEC Ltd and same will be submitted in the tender deposit box located in the Material Management Division, Near Room No: 28, Administrative Building, Heavy Machine Building Plant(HMBP) HEC Ltd., Dhurwa, Ranchi-834004, Jharkhand.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

5. The submitted tender documents (sealed) will be opened by the committee with prior intimation in the office of Chief of Township, Room No 34, 1st floor, Headquarters HEC Administrative Building, Ranchi and will be communicated suitably in case of any change of venue.

- 6. Only Part- I (Technical-Commercial Bid & EMD) of the tender documents will be opened on due date & time of opening of the tender as mentioned above in presence of representative of Finance Dept./HQ and representative of those bidders who have submitted their bids and wish to remain present at the time of opening of tender. In case due date of tender opening falls on declared Holiday/Sunday, envelop of cover of Part-I Bid will be opened on next working day at the same time & venue.
- 7. **Part II (Price bid)** of the techno-commercially qualified bidders (after completion of scrutiny of the Technical and Commercial part) will be opened in the office of COT, Room No 34, 1st floor, Headquarters HEC Administrative Building, Ranchi) in presence of representative of Finance Dept./HQ and representative of those bidders or their authorized representatives, who wish to be present for the opening of part-II of the bid.
- 8. Bids are to be submitted in two **SEPARATE SEALED COVERS** containing Part-I and Part-II of the tender documents bearing the official stamp/seal of the organization, superscripted with tender No. & date on each envelope. Both the envelopes will be put into a third envelope, sealed and super scribed with tender no and date, firm addresses. Offer with erasing/overwriting/cutting will be rejected unless all correction has been authenticated with bidder's signature & seal.
- 9. Tenders, not accompanied with specified Earnest Money in the form of Demand Draft from any nationalized bank in favour of **Heavy Engineering Corporation Ltd payable at Ranchi**, are liable for rejection.
- 10. The Contractor shall be responsible for arrangement of adequate material handling equipment i.e tools, tackles etc as may be required for this work.
- 11. Interested bidders shall visit and inspect the specified for Renovation of E.S.I Hospital (sector-IV) in HEC Township (work site) and fully understand the scope of the work as specified at page no 02 to 09 of the tender document and satisfy themselves about the scope and conditions of work as well as the general conditions & special conditions of contract which are available for inspection during office hours and ensure that they have taken all factors into account before quoting the rates.
- 12. After the work order is issued, no cognizance will be taken of any misunderstanding regarding the scope of the work. Interested bidders will be allowed to visit the place specified for Renovation of E.S.I Hospital (sector-IV) in HEC Township (work site) on due permission of the Chief of Township between 09.00 am till 05.00 pm on any working day within 10 days before submission of bids.
- 13. Item rates should be quoted both in words and figure and in case of difference between rates in words and in figures, the rates quoted in words will prevail. Incomplete & conditional tenders are liable to be rejected.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

14. Rates quoted should be exclusive of GST and all other statutory levies as applicable during

- the contract period. Applicable taxes to be mentioned separately in percentage and amount (Annexure-B).
- 15. Any others taxes, duties, royalty etc which are not mentioned in the price bid (Annexure-B) will be in contractor's account and HEC will not be liable in any way to pay such amounts.

16. THE BIDDER WILL SUBMIT THE FOLLOWING DOCUMENTS ALONG WITH TENDER **PAPER & TENDER FEES:-**

- 1. Valid registration certificate issued by CPWD, State PWD, MES and other government departments and Central Govt, Public Sector Undertakings where the bidder is registered.
- 2. Copy of Valid labour license issued by Govt of Jharkhand or Govt of India for previous works executed.
- 3. Copy of Permanent Account Number (PAN) issued by Income Tax Department.
- 4. Copy of GST Registration No issued by the Govt of India.
- 5. Documentary evidence of adequate financial standing. (Three years Income Tax Return).
- 6. Copy of CPF Registration certificate.
- 7. Copy of ESI registration certificate.
- 8. Documentary proof of current and valid PF registration e.g. Copy of deposit challan/registration etc
- 9. All documents as required under Clause No-18 & Eligibility Criteria (Clause No-19) for technically acceptance of offer.

Bidder's not meeting any of the above criteria shall not be technically qualified for opening of PRICE BID.

All the above documents shall be verified from the originals at the time of techno-commercial discussion.

HEC may verify the original documents from the respective issuing authority, if desired.

17. When offer is being submitted by authorized representative of the owner, valid authorization certificate duly signed by the proprietor or the owner of the firm or a director of the firm will be submitted along with the bid document.

18. Part – I: Techno-Commercial Bid & EMD.

This envelope will contain all required documents (duly signed) other than the Price bid document for techno commercial eligibility.

- i. Top sheet of invitation of tender. (As per Annexure A)
- Submission of all descriptions under Scope of work as mentioned under Clause No-2 (Page 2 to 09). The bidders should mention acceptance on "Quoted (Yes/No)" and should mention Work completion period.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

.....

- iii. All documents as mentioned under Clause No: 16,19.
- iv. Undertaking by bidder pertaining to payment of minimum wages, & other statutory provisions as per labour laws, contract labour laws or any other law as applicable.
- v. TDS exemption certificate if any.
- vi. Acceptance of scope of work & liabilities of the contract by the bidder.
- vii. Acceptance of general conditions of contract for works contract as per HEC Works Manual available in www.hecltd.com.
- viii. Earnest Money in the form of Demand Draft only from any nationalized bank in favour of "Heavy Engineering Corporation Ltd" payable at Ranchi is liable for rejection if not submitted with the offer.
- ix. Demand Draft for application fee for tender document for bidders who downloaded the forms from website.
- x. All documentary evidences should be enclosed as mentioned under eligibility criteria (Clause -19).

Part - II (Price Bid).

- (i) The format for submission of the price bid is to be as given in **Annexure 'B"**
- (ii) Income Tax will be deducted at source as per IT Act and TDS certificate will be issued to the successful bidder from time to time.

19. ELIGIBILITY CRITERIA:

a. Contactor/ Bidder should have done similar type of electrical & civil construction work (construction & wiring of apartments, boundary wall, civil structures etc.) as proposed under the scope of work mentioned in tender document for **Renovation of E.S.I Hospital (sector-IV) in HEC Township** for minimum of 3 (three) years as on 01.03.2018.

The value of completed three similar works during last Seven years costing not less than **Rs 09.08 Lacs.**

Documentary evidences i.e work order of customer, successful completion certificate on above should be enclosed.

- b. The bidder should have minimum average turnover of **Rs 06.81** Lakhs for the last three financial years (2014-15,2015-16,2016-17).
- c. The bidder has to submit the audited balance sheet, profit & loss account for the last three years duly certified by the Chartered Accountant (2014 -15, 2015-16, 2016-17).
- d. Work Completion period shall be within 02 Months from the date of issue of Work Order.
- 20. Work completion period must be within 03 months from the date of issue of Work Order. In case the bidder does not accept the said completion period, the offer of the bidder shall be summarily rejected.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

The owner/proprietor or authorized representative of the bidder must initial all pages of the

- Techno-commercial and Price Bid. Authorized letter of the bidder should be enclosed in the Techno-Commercial bid, if initialed by a representative.
- 22. Incomplete or conditional bids and those bids received after the due date & time as specified in Notice Inviting Tender (NIT) will be summarily rejected.
- 23. The bidders shall not be allowed to revise their price after submission of bid.
- 24. Bidders are advised to acquaint themselves with the nature of work for making a preassessment of the magnitude of requirements before submitting their bids.
- 25. Sealed envelope Part-I (Techno-Commercial bid & EMD) will be opened first & sealed envelope Part-II (Price Bid) of tender will be opened in respect of those firms who qualify at techno-commercial bid stage.
- 26. TDS will be deducted from the bills as per rule.
- 27. The total amounts in Price Bid under SL.No. A to SL.No. E in Annexure B are required to be quoted both in words and figures rounded off to the nearest Rupee and in case of difference between words and figures the amount mentioned in words will be taken as final. Any over-writing or erasure in the rates quoted without proper authentication/initial by authorized signatory or unit being different from those prescribed in the tender schedule, the bid is liable for rejection.
- 28. All safety norms will be followed by the contractor and its workmen when working within the premises of the work place. Safety related instructions if issued by HEC Safety Officer will be followed in letter and spirit.
- 29. The bidders will comply with the provisions of all applicable labour laws and submission of reports and returns there under. Failure on this account may lead to termination of the contract. The contractor has to indemnify HEC Ltd for all failures on its part whether in respect of statutory or non-statutory provision and the contractor has to face all legal and penal consequences arising out of such failures.
- The successful bidder will cover all its employees who work within the premises of work 30. place with an accident insurance policy to cover all accidents of any nature which will pay the minimum benefit as per Workmen's Compensation Act for any disability or death arising due to any reason while within the premises of work place. The contractor will keep HEC and its employees indemnified from any criminal, legal or financial liability that may arise out any accident that may occur due to the negligence on the part of the contractor or its employees.
- 31. All tools, tackles, implements, accessories, material will be provided by the contractor.
- This tender shall be regulated in terms of the General Terms and Conditions of Contract of HEC and it is presumed that the bidders have fully acquainted themselves of the applicable clauses before submitting their bids. Copy of the same can be collected from website of HEC www.hecltd.com.
- HEC does not bind itself to accept any tender and reserves the right to reject any or all 33. tenders without assigning any reason thereof. The decision of HEC in this regard shall be final and binding on all bidders.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

34. The offer by any bidder will remain valid for 03 months from the date of its submission of

- 35. For any dispute arising out of this contract, the jurisdiction shall be in the Court of Ranchi
- 36. Any firm de-barred/blacklisted by any department of the Govt of India or any state government of the Union of India (for example AAI, Railways, Defense, PWD, CPWD, MES, Border Roads) or any Central Govt or State Government Public Sector Undertaking is not eligible to participate in the tender.
- 37. Contractor may also engage experienced supervisor or engineer to execute the works in professional manner for specialized nature of works at his own cost.
- All others terms and conditions not covered above shall be governed by HEC's works and service manual. CPWD manual or standard practices are to be adopted for such works.
- Change in constitution / entity of tenderer: In the case of contract by partnership firm, any change in the constitution of the firm shall forthwith be notified by the contractor to Executing Authorities.
- Forfeiture of EMD & debarring future participation: In case any tenderer(s) withdraws the offer after submission, or the successful and valid tenderer deliberately withdraw his offer, his EMD shall be forfeited and he may be debarred from submission of tenders as per prevailing rule of corporation.
- Selection of L1 bidder for award of contract will be on the basis of total price quoted 41. against Renovation of E.S.I Hospital (sector-IV) in HEC Township (SL A to SI-E of Price Bid at Annexure B).
- 42. Conduct of Contractor: HEC reserve the right to remove from list of Approved-Contractors or to ban business dealing if a contractor has been found to have committed misconduct and also to suspend business dealing pending investigation.
- Colour coding in internal electrical wiring shall be strictly followed.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

CHAPTER-2 COMMERTIAL TERMS & CONDITIONS

1. CONTRACT PRICE:

In accordance with scope of work & services indicated in the tender paper the tenderer are to furnish their offer in the format given at Annexure-B.

Contract price shall remain firm and binding and shall not be subject to any escalation on any account whatsoever except for statutory variations within contractual completion period. Reimbursement will be made against submission of documentary evidence.

The contract price stated in above shall include special tools & tackles, instruments, transportations etc till handing over/issuing completion certificate.

2. PAYMENT TERMS:

- i. Progressive admissible payments on monthly basis will be processed and paid after making requisite contractual & statutory deductions and as per GCC of HEC.
- ii. The RA bills should be supported with certification for completed work from the site engineer.
- iii. GST shall be reimbursed on submission of relevant documents in support of payment by contractor as per prevailing rules.
- iv. **Paying Authority**: Finance/HQRS, HEC Ltd will be the paying Authority for making Payment to the Contractor.
- v. The payments will be made to the contractor through Account Payee Cheque or any other mode of transaction prescribed by Finance / HQRS only,
- vi. Bills in triplicate are to be submitted in the office of Chief of Township. For release of payment, contractor will have to submit proof of deposit of CPF, ESI and group accident insurance certificate for the labour employed.
- vii. 90% payment will be made after retaining 10% of bill amount against Security Deposit on the basis of actual measurement of work through R/A bill on monthly basis. Final bill is to be submitted after issuance of completion certificate by the concerned department.
- viii. The above mentioned documents are to be submitted by the successful bidder in the TA Division/Hqrs along with wage certificate of labour payment and documents towards compliance of PF & ESI and other statutory payments. After verification/certification of above two documents by site engineer, the R/A bill along with the measurement book will be sent to Finance/HQRS.
- ix. Final payment will be made on production of work completion certificate issued by the competent authorities/Chief of Township along with final bill.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

3. Security deposit (SD)

Earnest Money Deposit (EMD) of successful bidder will be converted into SD and balance amount to be recovered from R/A bills to the extend of 10% of Work order value. The security deposit will be converted into performance guarantee after completion of the work duly certified by the engineer- in charge. Performance guarantee will be refunded within 14 days on successful completion of guarantee period i.e after 12 months. No interest shall be payable by HEC to the bidders on SD. The EMD of unsuccessful bidders will be refunded immediately after finalization of the contract on receiving a written request from the bidder.

4. MAN POWER:

Necessary manpower has to be deployed by the successful bidder at different locations to achieve the period of work completion. The successful bidder may have to mobilize additional man-hours and / or deploy work force for additional hours without any extra cost to HEC. Any statutory requirement for additional working hours or any manpower related issue shall be total responsibility of successful bidder.

The successful bidder must pay minimum wages to his deployed workmen as per latest Central Govt. Minimum wages circular.

5.INSPECTION

Contractor shall provide necessary assistance in carrying out inspection by HEC/Third Party time to time as per Scope of Work and if any defects are pointed out, they will carry out the necessary rectification / modification without any extra cost to HEC. Contractor will deploy sufficient manpower during pre and final inspection and handing over the entire jobs and a protocol will be drawn based on which the job will be accepted.

6. STATUTORY RECOVERIES

Statutory recoveries, if any, shall be made as per rule/rates prevailing during the tenure of the contract.

7. GUARANTEE PERIOD

The contractor shall stand full guarantee for workmanship / service for a period of one year from the date of issuing completion certificate by competent authorities/HEC.

8. LIQUIDATED DAMAGE

If successful bidder fails to complete the work within the completion time specified in the works contract, it will attract imposition of **liquidated damages** at the rate of 0.5 % of the value of unfinished work per week of delay subject to maximum deduction of 10 % of total value of Contract.

9. FORCE MAJEURE

Time being the essence of the contract, if either party is prevented from the Performance of its obligations in whole or in part for reasons of Force Majeure, viz acts of God, acts of Government, acts of Public enemy, war, hostility, civil commotion, sabotage, fire, flood, explosion, strike, and lawful lockout, then provided notice of happening of any such eventuality is given by the effected party to the other party immediately & maximum within 15 days from the date of occurrence and cessation of the force majeure, the period of Force Majeure shall be excluded accordingly.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

If the Force Majeure event(s) continue beyond the period of 3 months, the parties shall hold consultation to chalk out the further course of action. Neither party can claim any compensation from other party on account of Force Majeure.

10. ARBITRATION

- a) All Disputes or differences, whatsoever, arising between the parties out of or in relation to the construction, meaning and operation or effect of this Contract or breach there of shall be settled amicably. If, however, the parties are not able to resolve them amicably, the same shall be settled by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration as per the provision of Arbitration Conciliation Act 1996 and the award made in pursuance there of shall be binding on the parties. The Arbitrator /Arbitrators will give reasoned award.
- work under the contract shall continued by the Bidders during arbitration proceeding unless otherwise directed in writing by HEC/BSP or unless the matter is such that work cannot be continued until decision of the arbitrators or of the umpire, as the case may be, is obtained and save as those which are otherwise expressly provided in the contract, no payment due or payable by the purchaser shall be withheld on arbitration proceeding unless it is the subject matter or on the subject matter thereof.
- c) The Venue of arbitration shall be Ranchi, Jharkhand

11. RISK AND COST:

In the event of termination of the contract in part/full due to fault of successful bidder, HEC reserves the right to complete the work by any agency at successful bidder's risk & cost

12. NO CLAIM OR COMPENSATION FOR SUBMISSION OF TENDER

The Tenderer whose offer is not accepted shall not be entitled to claim any costs, charges, expenses or and incidental to or incurred by him through or in connection with his submission of Tenderer, even though HEC Ltd may decide to withdraw the invitation of Tender. No price ESCALATION will be considered for successful tenderer till completion of the project.

13. NOTICES ON BEHALF OF HEC LTD

Notice and certificate on behalf of HEC LTD in connection with the Work order may be given by duly authorized officers of HEC LTD. Any modification which may become necessary in the interim period will be intimated to you as soon as possible.

14. CONTRACTOR'S RISK

The contractor is responsible for the expected risks, which are:

- **A)** War, hostilities, invasion, act of foreign enemies, rebellion, revolution, insurrection of military or usurped power, or civil war.
- **B)** Riot, commotion, disorder, unless solely restricted to employees of the contractor.

15. JURIDICTION OF COURT:

The settlement of disputed and unresolved issue shall be under the jurisdiction of Ranchi High Court.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

16. SPECIAL TERMS AND CONDITIONS OF CONTRACT:

- 1. HEC reserves the right to amend or alter the extent or scope and / or technical character of the scope and the Agency shall be bound thereby, as if the same occurred in the scope. Such changes shall not invalidate the order. Due to major changes in the scope of services, addition / reduction in scope of services, the contract price shall be mutually agreed upon.
- 2. In case the Agency does not comply with obligations under this order to the satisfaction of the Company and more specifically, in case of any of the following circumstances, the Company at its option, without prejudice to, their right hereunder, may cancel the order at any time by giving **thirty (30)** days written notice.
 - a. Unjustified interruption of services.
 - b. Errors, negligence, insufficiencies attributable to the Contractor.
 - c. In case of any bribe or commission by / to the contractor (successful bidder) / their personnel.
 - d. Non compliance of instructions received from HEC within the stipulation of the order.
 - e. In case of non-compliance of any of the terms and conditions of the contracts and no remedial steps taken to make good the loss and to comply, inspite of orders from HEC and if, the HEC has come to a conclusion that the Agency cannot fulfill its obligations under the order.
- 3. In case of any of the circumstances noted above, the Company shall inform its decision to cancel the order, in whole or in part. The Agency shall immediately stop all work in connection with the order, except as directed by the Company.

4. RESOLUTION OF DISPUTE & JURISDICTION OF COURT:

The parties to this contract at the first instance shall endeavor to settle by mutual discussion all the questions of disputes or differences arising out of, or relating there to, or in connection with contract and in the event of failure of settlement, the aggrieved party shall refer the unresolved dispute(s) or difference(s) to the Chairman-cum-Managing Director of him (CMD of the Company) who (Sole Arbitrator) shall adjudicate the matter in question in accordance with the Arbitration and Conciliation Act, 1996 (For Short "Act") and publish the award. The parties shall have no objection if the sole Arbitration so appointed is an employee or exemployee of HEC Ltd. If the sole

Arbitration for any reason, whatsoever, become unable to proceed with the arbitration, the chairman-cum Managing Director of the company shall appoint his successor arbitrator who may proceed with the reference from the stage it was left by his predecessor subject to provision of the Act. The venue of the arbitration proceeding shall be at Ranchi in the state of Jharkhand alone.

5. WORKING HOURS: The contractor shall have to undertake any of the jobs of this tender round the clock regardless of holidays / Sundays/ festivals on verbal/written instructions from In charge-Executing Authorities, though the normal working hours will be as per factory shift timings. On completion of the Work the Contractor may inform the same to In charge-Executing Authorities. Contractor or his responsible representative / supervisor must be present during execution of work.

.

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

17. AN AGREEMENT:

An agreement will have to be signed with HEC Lt. on non judicial stamp paper of value Rs.50/- (Rupees Fifty Only) purchased by you from the state of Jharkhand in a standard Performa within 30 days on the Performa prescribed by HEC Ltd. The GCC along with Work Order and the Tender document will be part of the agreement and binding on the successful bidder.

18. VENUE AND DEADLINE FOR SUBMISSION:

Dy. Manager (Civil Contract Cell), MM Division/HMBP & Civil Contract Cell, Ground Floor, Near Room No: 28, Administrative Building, HMBP, HEC Ltd,Plant Plaza Road, PO Dhurwa, Ranchi-834004 Jharkhand

- 1. Offers against this Open tender to be submitted/dropped in the tender box placed in the above office in sealed condition by 22nd March (1 PM Indian Standard Time). Please indicate the open tender no. and "Offer for Renovation of E.S.I Hospital (sector-IV) in HEC Township HEC Township" and bidder's name & address over the envelope. Offers to be submitted in hard copy only. Offers submitted by e-mail / fax will be rejected.
- 2. Any proposal received by bidder after the above deadline shall be rejected and returned unopened to the Bidder.
- 3. HEC shall not be responsible for any postal delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.
- 4. HEC reserves the right to modify and amend any of the above stipulated condition/criterion depending upon project priorities vis-à-vis urgent commitments.
- 5. For any clarifications the following Nodal Officers may be contacted.

	NODAL OFFICER-1	NODAL OFFICER-2
Name	Mr. H.K.Gupta	Mr. Chandeshwar Prasad
Phone No:	7547879110	7547879027
Email Id:	hkgupta@hecltd.com	cprasad@hecltd.com
Address	CoT, HEC Ltd, Ranchi-	Sr.DGM ,RPD/HMBP & CCC,
	834004, Jharkhand	HEC Ltd, Ranchi-834004,
		Jharkhand

(H.K.Gupta)
Chief of Township
HEC Ltd, Ranchi-834004 Jharkhand
(Mob. No. 7547879110)

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

	OPEN TENDER NO. H	EC/CCC/2018/O	PEN/ 0003	Dated: 28.02.2018
		ANNEXUR	E-A	
	e Chief of Township C Ltd., Ranchi			
	Kindly refer to the T	ender Notice	No	dated
are e Five EMD	nditions for execution of above work enclosing the tender papers, received Hundred) only vide receipt NID amounting to Rs. 30,0 dated I Hatia Branch Code-0207, Ranchi	k in HEC and we delept of cost of tendon. No./D.D.No	confirm that we detected the confirmation that we detected the conf	document Rs 500/-(Rs dated& only) vide D. D. No.
	Thanking you.			
		Y	ours faithfully,	
		Signature	e of Authorized s	ignatory
	Name a	nd Designation of	the Authorised S	ignatory
	Ad	ddress :		
	Ph	one No.		
	Fa	x No.		
	E-	-mail id.		

HEAVY ENGINEERING CORPORATION LIMITED CIVIL CONTRACT CELL Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

ANNEXURE B

PRICE BID

ABSTRACT FOR PRICE BID DETAILS FOR PROPOSED RENOVATION OF E.S.I HOSPITAL (SECTOR-IV) IN HEC TOWNSHIP

S.No	Particulars
_	
A	COST OF CIVIL WORK OF MAIN BUILDING
B.	COST OF BOUNDARY WALL WORK OF CAMPUS BY R.C.C
С	COST OF BOUNDARY WALL WORK OF ESI HOSPITAL CAMPUS BY FENCING
D	COST OF ELECTRICAL WORK
E	COST OF GENERATOR

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

A. CIVIL WORK OF MAIN BUILDING:

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicon additive of required shade, new work two or more coats applied @ 1.43 lter/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10sqm.	M2	469		
2	Providing two coats of oil bound distemper of approved shade and make over new surface including washing ,cleaning and preparing the walls, scaffolding ,washing of floor and taxes all complete as per direction of E/I.	M2	1386.00		
3	Providing two or more coats of synthetic enamel paint of approved shade over wooden or steel doors ,ventilators and frames and other surface wherever required including cleaning the surface with brushes ,sand papers ,all complete with labours ,materials as per direction of E/I.	M2	83.00		
4	Providing two or more coats of synthetic enamel paint of approved shade over new wooden or steel doors ,ventilators and frames and other surface wherever required including cleaning the surface with brushes ,sand papers ,all complete with labours ,materials as per direction of E/I.	M2	141		
5	Supplying, fitting and fixing Vitreous White glaze earthen I.W.C with 'p' trap of parryware make including supplying 12.50 Ltr Low level PVC Cistern(Size 580x440mm)	Each	5		
6	Supplying, fitting and fixing vitreous white glaze earthen ware wash hand basin of parryware make supported on painted C.I or R.S bracket (Size 630x450mm)	Each	5		
7	Providing and fixing white vitreous China Flat back half stall urinal of size 580x380x350mm with PVC automatic flushing cistern (5 Ltr)	Each	10		
8	Supplying, fitting and fixing the following items complete with all materials as per specification and direction of E/I.				
9	Providing and fixing white vitreous China laboratory sink of size 450x300x150mm	No	3		
(a)	Glass shelf with C.P Brass rail (Size 600x125mm) glass shelf	Each	5		
(b)	Mirrors of 6mm thick plate glass bevelled edge mirror including C.P Brass revolving fitting 3mm ply wood board and C.P hinges to fix with mirror (Size of Mirror 600x450mm)	Each	5		
(c)	C.P brass towel rail 20mmx600mm with bracket container	Each	5		
(d)	C.P brass liquid soap container	Each	5		

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

SI	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
No	•	Onne	Q.y	Rate/unit	mount (RS.)
10	Providing & fixing chlorinated polyvinyl chloride 15mm (CPVC) pipes (Concealed work) having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fitting, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement & testing of joints complete as per direction of Engineer in Charge.	RM	100		
11	Providing & fixing chlorinated polyvinyl chloride 20mm (CPVC)(Concealed work) pipes having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fitting, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement & testing of joints complete as per direction of Engineer in Charge.	RM	80		
12	Supply and fixing of 1/2 "(15mm dia) brass bib cock with all complete.	No	10		
13	Supply and fixing of 1/2 " (15mm dia) brass stop cock with all complete.	No	10		
14	Supply and fixing of 1/2 (15mm dia) "G.I long thread with all complete.	No	6		
15	Supply and fixing of 3/4 " (20mm dai) G.I long thread with all complete.	No	6		
16	Supply and fixing of 4" (100mm dia) PVC Pipe(10 Feet Length) with all complete.	No	10		
17	Supply and fixing of 4" (100mm dai) PVC door bend with all complete.	No	12		
18	Supply and fixing of 4"(100 mm dia) PVC D/S with all complete.	No	10		
19	Supply and fixing of 3" (75mm dia) PVC Pipe (10 Feet Length) with all complete.	No	6		
20	Supply and fixing of 3" (75mm dia) bend plain with all complete.	No	3		
21	Supply and fixing of (75mm dia) PVC door bend with all complete.	No	10		
22	Supply and fixing of 3"(75mm dia) PVC door tee with all complete.	No	10		
24	Supply and fixing of 3"(75mm dia) PVC pipe double socket with all complete.	No	10		
25	(h) Kitchen Sink (Size 600mm x450mm x200mm)	No	3		
26	Supply and fixing of PVC water tank of capacity 2000 Litre (made of Himgiry, Syntex and Gangotry) with locking arrangement.	ltr	10000		
27	Supply and fixing of trio wall mixure(Parryware make) 3 in 1 for bathroom with all complete	No	3		
28	Supply and fixing of Venus water heater 25Ltr GL/IV with all complete.	No	3		

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
29	Supply and fixing of 1 HP motor(Sharp make) with all complete	No	2		
30	Dismantling of old plaster	M2	469		
31	Providing 25mm thick cement plaster (1:6) with clean coarse sand of F.M.1.5 including screening, curing, with all leads and lifts of water, scaffolding taxes and royalty all completes as per building specification and direction of E/I. (ROOF)	M2	469		
32	Providing 25mm thick cement plaster (1:6) with clean coarse sand of F.M.1.5 including screening, curing, with all leads and lifts of water, scaffolding taxes and royalty all completes as per building specification and direction of E/I. (Wall Area)	M2	522		
33	Providing and laying APP (Atactic polypropylene polymer) modified prefabricated five layer 3mm thick water proofing membrane,	M2	522		
34	Providing and laying ceramic glazed floor tiles 300x300mm or more(Thickness to be specified by the manufacturer) of first quality confirming to IS:15622 of approved make in all colours ,shades except white,vory,grey,fume,redbrown laid on 20mm thick cement mortar 1:4(1cement:4 coarse sand) including pointing the joint with white cement and matching pigments etc.all complete	M2	31		
35	Providing and fixing ist quality ceramic glazed wall tiles confirming to IS:15622 of approved make in all colours ,shades except burgundy, bottle green, black of any size as approved by engineer-in chrge in skirting,risersof steps and dados over 12mm thick bed cement mortar 1:3(1cement:3 coarse sand) including jointing with grey cement slurry@ 3.3kg per sqm including pointing the joint with white cement and matching pigments etc.all complete	M2	49		
36	Supply and fixing of exhaust fan of dia 12" with all complete	No	1		
37	Providing and fixing of inverter (Battery) 1600VA UPS with double battery IT 750, 200ah(Exide Make) with trolly double Tubular with all complete	No	1		
38	Supply and fixing of parryware hand shower with all complete	No	5		
39	Supply and fixing of parryware over head shower with all complete	No	5		
40	Supply and fixing of parryware shower arm & flange with all complete	No	5		
41	Supply fitting and fixing 32mm thick good quality, well dressed well seasoned wood fully paneled shutters(Frame made of sal wood and panel of sisum wood) in door and window with 20mm thick panels-do-	M2	26		
42	Supply fitting and fixing 38mm thick good quality, well dressed well seasoned sal wood 1/3rd glazed and 2/3rd paneled shutters in door and window with 25mm thick panels with sal wood beats and taxes -	M2	44.61		

HEAVY ENGINEERING CORPORATION LIMITED CIVIL CONTRACT CELL Plant Plaza Boad Panchi 934004 (Ibarkhand)

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

SI Unit Qty **Description of item/work** Rate/unit Amount (Rs.) No Supply fitting and fixing , well dressed well seasoned sal 43 M2 1.65 wood work in chukhat in doors and windows. Supply and fixing of collapsible gate of approved size and make properly fabricated with vertical double channel 44 M2 12.6 20x10x2mm at 100mm Centers and braced with M.S flat diagonal 20x10x3mm Total value in Rs. (A) (In Figure & Words)

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

B. WORK OF BOUNDARY WALL OF CAMPUS BY R.C.C:

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
1	Earthwork in excavation in foundation in ordinary soil (vide classification of soil item-A) and disposal of excavated earth as obtained to a distance of up to 50M including all lifts,, leveling, ramming the foundation trenches, removing roots of trees, shrubs, all complete as per approved design building specification and direction of E/I.	МЗ	60		
2	Filling in foundation trench and plinth in layers not exceeding 150mm thick well watered, rammed fully compacted and fine dressed with earth obtained after cuttings within a lead of 50M and lift of 1.5M all complete as per building specification and direction of E/I.	M3	20		
3	Providing P.C.C.M -150 in foundation with normal mix of (1:2:4) with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including centering, shuttering, screening, mixing cement concrete in mixer, placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I.	M3	1.44		
4	Providing R.C.C.M -150 with normal mix of (1:2:4) in beam of all types with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position ,vibrating, striking, curing (but excluding the cost of reinforcement ,taxes and royalty all complete as per building specification and direction of E/I.	МЗ	4.5		
5	Providing R.C.C.M -150 with normal mix of (1:2:4) in column with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including screening, centering, shuttering, mixing cement concrete in mixer and placing in position ,vibrating, striking, curing (but excluding the cost of reinforcement ,taxes and royalty all complete as per building specification and direction of E/I.	M3	4		
6	Providing designation 75 A brick work in C.M (1:6) in foundation and plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints 15mm depth, curing, taxes and royalty all complete as per building specification and direction E/I.	М3	25		
7	Providing 25mm thick cement plaster (1:6) with clean coarse sand of F.M.1.5 including screening, curing, with all leads and lifts of water, scaffolding taxes and royalty all completes as per building specification and direction of E/I.	M2	230		

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
8	Steel reinforcement for RCC work including straighting, cutting, bending, placing in position and binding all complete with Thermo Mechanically Treated Bars.	Kg	342		
9	Finishing walls with Premium Acrylic Smooth exterior paint with Silicon additive of required shade, new work two or more coats applied @ 1.43 lter/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10sqm.	M2	259		
	Total value in Rs. (B) (In Figure & Words)				

Plant Plaza Road, Ranchi – 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

C. WORK OF BOUNDARY WALL OF ESI HOSPITAL CAMPUS BY FENCING:

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
1	Barbed wire of 4 point, 2ply 12 SWG, 150mm apart	Kg	129.6		
2	Labour for fitting and fixing barbed wire fencing in five rows horizontal upto a height of 1.25 mtr and two diagonals including fixing of post in cement concrete at 2.5 m.Centres including cost of Staples -do-	M	1080		
3	Angles to be used of size (90x90x6mm(GerA)	MT	1.09		
4	Earthwork in excavation in foundation in ordinary soil (vide classification of soil item-A) and disposal of excavated earth as obtained to a distance of up to 50M including all lifts,, leveling, ramming the foundation trenches, removing roots of trees, shurbs, all complete as per approved design building specification and direction of E/I.	M3	30.24		
5	Filling in foundation trench and plinth in layers not exceeding 150mm thick well watered, rammed fully compacted and fine dressed with earth obtained after cuttings within a lead of 50M and lift of 1.5M all complete as per building specification and direction of E/I.	М3	10.08		
6	Providing P.C.C.M-150 in foundation with normal mix of (1:2:4) with approved quality of stone chips 20 mm to 6 mm size. graded and clean course sand of F.M 2.5 to 3 including centering, shuttering, screening, mixing cement concrete in mixer, placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I.	M3	4		
7	Labour for fabricating, erecting, hoisting and fixing imposition structural steel work in R.S Joist, channel, Angle, Tee Flate Plate larice member , build up compound section in column , girder, staircase, or truss including cost of gusset plate , holding down bolts, anchor plates at all height and depth , bolting, welding(Machinery wherever required) with applying a priming coat of red lead paint all complete as per approved drawing, building specification and direction nof E/I.	MT	1.09		
	Total value in Rs. (C) (In Figure & Words)				

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

D. ELECTRICAL WORK:

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
1	Supply of L.E.D Tube light 40 Watt T8 including fixture(Neutral light/Cool white)	No	35		
2	Supply of L.E.D Bulk head light 7/12 watt including fixture(Neutral light/Cool white)	No	25		
3	Supply of L.E.D Bulk head light 9/12 watt including fixture(Neutral light/Cool white)	No	15		
4	Outdoor light L.E.D 40 Watt	No	10		
5	Supply of L.E.D post top 18 watt with IP-65 protection including fixure(Neutral light/Cool white)	No	10		
6	Incomer 63A MCB as incomer	No	10		
7	Single pole B MCB 6A -32A	No	24		
8	8 Pvc Modular switch board with G.I Box and accessories	No	15		
9	12 Pvc Modular switch board with G.I Box and accessories	No	10		
10	6A Modular type piano switch	No	95		
11	6A Modular type socket	No	30		
12	Blank Filler	No	10		
13	Modular fan regulator	No	20		
14	1x20A Switch with socket in modular switch board with MS box including accessories	No	10		
15	Calling Bell with base	No	5		
16	Wall fan including accessories	No	5		
17	Supply of PVC Casing(20mm) for wiring	М	200		
18	Supply of PVC Casing(25mm) for wiring	М	300		
19	Supply of 1/2" UPVC Pipe including accessories (in metre)	М	100		
20	Gamg Box	No	6		
21	Ceiling Rose	No	95		
22	PVC Sheet Board 8"x6"	No	20		
23	PVC Sheet Board 7"x4"	No	20		
24	4 sqm m cable FR PVC Lighting cable as per IS 694 (in meter)	М	300		
25	2.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	150		
26	1.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	350		
27	Supply of exhaust fan dia 12" with all complete	No	6		
28	Supply of HBSV Lamp 250 watt with all complete	No	6		
29	Batten Holder	No	40		

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
30	100 Amp TPN Switch disconnector fuse unit with ISI marked HRC Fuse	No	1		
31	100 Amp Four pole on load change over switch in sheet ecloser with side handle operation	No	1		
32	00 Amp, TPN Switch disconnector for fuse unit rewireable type	No	1		
	INSTALLATION CHARGE/FITTINGS COST				
1	Supply of L.E.D Tube light T8 including fixture(Neutral light/Cool white)	No	35		
2	Supply of L.E.D Bulk head light 7/12 watt including fixture(Neutral light/Cool white)	No	25		
3	Supply of L.E.D Bulk head light 9/12 watt including fixure(Neutral light/Cool white)	No	15		
4	Outdoor light L.E.D 40 Watt	No	10		
5	Supply of L.E.D post top 18 watt with IP-65 protection including fixture(Neutral light/Cool white)	No	10		
6	Incomer 63A MCB as incomer	No	10		
7	Single pole B MCB 6A -32A	No	24		
8	8 Pvc Modular switch board with G.I Box & accessoris	No	15		
9	12 Pvc Modular switch board with G.I Box and accessories	No	10		
10	6A Modular type piano switch	No	95		
11	6A Modular type socket	No	30		
12	Blank Filler	No	10		
13	Modular fan regulator	No	20		
14	1x20A Switch with socket in modular switch board with MS box including accessories	No	10		
15	Calling Bell with base	No	5		
16	Wall fan including accessories	М	5		
17	Supply of PVC Casing(20mm) for wiring	М	200		
18	Supply of PVC Casing(25mm) for wiring	М	300		
19	Supply of 1/2" UPVC Pipe including accessories (in meter)	No	100		
20	Gamg Box	No	6		
21	Ceiling Rose	No	95		
22	PVC Sheet Board 8"x6"	No	20		
23	PVC Sheet Board 7"x4"	No	20		
24	4 sqm m cable FR PVC Lighting cable as per IS 694 (in meter)	М	300		
25	2.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	150		
26	1.5 sqmm cable FR PVC Lighting cable as per IS 694 (in meter)	М	350		
27	Supply of exhaust fan dia 12" with all complete	No	6		

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003

SI No	Description of item/work	Unit	Qty	Rate/unit	Amount (Rs.)
28	Supply of HBSV Lamp 250 watt with all complete	No	6		
29	Batten Holder	No	40		
	Total value in Rs. (D) (In Figure & Words)				

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

E. Technical specification of Generator:

No Des	scripti	on of item/work		Unit	Qty	Rate/unit	Amount (Rs
	SUPPLY, ERECTION/INSTALL COMMISSIONING AND HANDOVE 30KVA FOR THREE FACE SILENT ALL COMPLETE ACCI		R IN ALL RESPECT OF DC GENERATOR WITH	Nos.	1 set		
1 EN	IGINE		4 STROKE & G-30		I	l.	
' -'`		MANUFACTURER	ESCORTS LIMITED				
		SPECIFICATION TO WHICH THE DIESEL ENGINE CONFIRMS	IS 10000, BS 5514 (7.3 OF 'CPCB' PROCEDURE AND AS PER REQUIREMENT OF RULE 95 OF ENVIREMENT AMENDMENT RULES,2004 OF GSR 448(E),DATED 12.07.2004 NOTIFIED BY GOV. OF INDIA.)				
			12 V DC				
			46				
		` /	LIQUIRED COOLING				
		DG SET RATING	30 KVA				
		RPM	1500				
			Natural				
		NO. OF CYLINDER	3				
		ENGINE EFFICIENCY AT FULL LOAD					
		TIME REQUIRED FOR STARTING					
		()	3120				
		BATTERY	90 Amp Hrs				
		TYPE OF SPEED GOVERNOR	MECHENICAL – AI				
		LUBRICATING OIL	API CF 4 ,15 W 40				
		FUEL LUBRICATING OIL RECOMMNEDED					
		GUARNTEED FUEL OIL CONSUMPTION(gram/bh p/hrs)	155 (Most Fuel Economical in the industry)				
	ERNA		THREE PHASE				
TOF	₹	RATED POWER OUTPUT (KVA)					
		RATED VOLTAGE	415				
		RPM	1500				
			50 HZ				
			BRUSHLESS, H CLASS				
	NTRO ANEL		STANDARD CONTROL PANEL				

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003 Dated: -- 28.02.2018

FUEL TANK	150 LITER			
	1085 KG			
	ACOUSTI PP POWDER COATED WHETHER PROOF PAINT			
C ENCLOSE	LENGTH(mm)	2400		
R ENCLOSE	WIDTH(mm)	930		
	HIEGHT(mm)	1385		
	lue in Rs. (E) re & Words)	•		

Plant Plaza Road, Ranchi - 834004 (Jharkhand)

OPEN TENDER NO. HEC/CCC/2018/OPEN/ 0003	Dated: 28.02.2018
PRICE BID FORMAT (SUMMARY)	

SI. No.	DISCRIPTION OF WORK	Total amount in figure (Rs.)	Total amount in words (Rs.)
A.	COST OF CIVIL WORK OF MAIN BUILDING		
В	COST OF BOUNDARY WALL WORK OF CAMPUS BY R.C.C		
С	COST OF BOUNDARY WALL WORK OF ESI HOSPITAL CAMPUS BY FENCING		
D	COST OF ELECTRICAL WORK		
Е	COST OF GENERATOR		
Grand Total value			
GST (Rate)			
Other Taxes & Duty , if any			

Note:

- 1. Bidders have to quote item- wise prices against units and quantities as mentioned in price bid of above works from page no- 23 to 34.
- 2. Selection of L1 bidder for award of contract will be on the basis of total price of renovation of E.S.I Hospital (sector-IV) in HEC Township (SL-A to SI-E).

Yours faithfully,

Signature of Authorized signatory
Name and Designation of the Authorized Signator
Address:
Phone No.
Email ID;
Fax No: