

BHARAT HEAVY ELECTRICALS LIMITED					
RAMACHANDRAPURAM :: HYDERABAD-502032					
(TOWNSHIP ADMINISTRATION)					
					Tender Notice No.
PRICE BID - PART - B - Item No. 03					HY/TA/OT-11/2014-15
					Date: 23.12.2014, Item. No. 03
Name of work: "Construction of compound wall (balance portion) and guard room at Holy Cross Degree College in BHEL Township - Civil works under CSR Work.					
Sl. No	Description of item	Qty	Unit	Rate	Amount
	Part-A:Providing compound wall to Holy Cross Degree College"-Civil work				
1	Coursed rubble masonry (second sort) with hard stone in foundation and plinth with cement mortar 1:6(1cement 6 coarses sand)	102.00	Cum	1913.10	195,136.20
2	Brick work FPS brick of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:4 (1cement :4 coarse sand)	160.00	Cum	2601.90	416,304.00
3	20mm cement plaster of mix 1:6(1 cement 6 fine sand)	1345.00	Sqm	95.10	127,909.50
4	Pointing on stone work with cement mortar 1:3(1 cement 3 fine sand) Flush / Ruled pointing	460.00	Sqm	62.50	28,750.00
5	White washing with lime to give an even shape old work (two or more coats)	1100.00	Sqm	4.10	4,510.00
6	Supply and fixing approved glass pieces at 20kg/sq.m in plastering Cement Mortar 1:6(1cement:6 coarse sand), 20mm thick while it is green including cost of all materials, plastering, finishing etc.all as directed by Engineer-in-charge.,	165.00	Sqm	160.00	26,400.00
7	Steel work welded in built up sections/ frames work including cutting hoisting fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required, In gratings frames guard bar ladder railing brackets gates and similar works	750.00	Kg	51.20	38,400.00
8	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50mtr lead as per direction of engineer in charge In cement mortar	7.00	Cum	310.75	2,175.25
9	Reinforced cement concrete work in walls (any thickness) including attached pilasters buttresses plinth and string course fillets columns pillars piers abutments posts and struts etc. up to floor five level excluding cost of centering shuttering finishing and reinforcement 1:1.5:3(1cement 1.5 coarse sand 3 grade stone aggregate 20mm nominal size)	37.00	Cum	4092.35	151,416.95
10	Centering and shuttering including strutting propping etc. and removal of form work for : Columns piers, abutments, pillars, posts and struts.	320.00	Sqm	238.00	76,160.00
11	Reinforcement for RCC work including straightening, cutting bending placing in position and binding all complete. Mild steel and medium tensile steel bars	5200.00	Kg	41.50	215,800.00
12	Structural steel work in single section fixed with or without connecting plate including cutting hoisting fixing in position and applying a priming coat of approved steel primer all complete	1600.00	Kg	42.15	67,440.00
13	Providing and fixing GI chain link fabric fencing of required width in mesh size 50x50mm including strengthening with 2mm dia wire or nuts bolts and washers as required complete as per the direction of engineer in charge made of GI wire of dia 4mm	580.00	Sqm	373.45	216,601.00
14	Painting with aluminium paint of approved brand and manufacture to give an even shade Two or more coats on new work	130.00	Sqm	28.60	3,718.00
	Part-B:Construction a Guard room -Civil work				

1	Clearing jungle including uprooting of rank vegetation, brush wood trees and sapling of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of thse area cleared.	64.00	Sqm	2.64	168.96
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed for all kinds of soil .	6.00	Cum	101.85	611.10
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level ,1:5:10 (1cement 5:fine sand 10 grade stone aggregate 40mm nominal size)	3.00	Cum	2079.60	6,238.80
4	Coursed rubble masonry (second sort) with hard stone in foundation and plinth with cement mortar 1:6(1cement 6 coarses sand)	9.00	Cum	1913.10	17,217.90
5	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4(1cement 2 coarse sand 4grade stone aggrigate 12.5mm nominal size)	5.00	Sqm	144.15	720.75
6	Brick work FPS brick of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6(1cement :6 coarse sand)	4.00	Cum	2601.90	10,407.60
7	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position:Second class teak wood	0.08	Cum	52090.00	4,167.20
8	Supplying and fixing of white clear acrylic sheet of 3 mm thick of required sizes with glass putty required for fixing to the existing steel/wooden windows including removing the existing broken glass panes/plywood panes along with the beeding/glass putty, cost of all materials and labour etc., complete all as directed by Engineer In charge.	2.16	Sqm	1050.00	2,268.00
9	Supplying and fixing 30mm thick ISI marked solid core flush door veneer facing shutters conforming to IS:2201 (Part I) commercial type, all as directed by engineer-In-charge.	1.90	Sqm	989.00	1,879.10
10	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete - Fixed to opening / wooden frames with rawl plugs screws etc.	20.00	Kg	64.40	1,288.00
11	Reinforced cement concrete work in beams,suspended floors,roofs having slope upto 15 degree landings,balconies,shelves, chajjas, lintels, bands,plain window sills,staircasees upto floor five level excluding cost of centering,shuttering,finishing and reinforcement with 1:2:4 (1cement : 2 coarse sand : 4 graded granite stone aggregate 20 mm nominal size) including curing , cost of all materials as per direction of Engineer-in-charge.	3.20	Cum	3673.85	11,756.32
12	Reinforcement for RCC work including straightening, cutting bending placing in position and binding all complete. Mild steel and medium tensile steel bars	400.00	Kg	41.50	16,600.00
13	Centering and shuttering including strutting,propping etc and removal of formwork for Suspended floors roofs, landing balconies and access platform	25.00	Sqm	187.35	4,683.75
14	20mm cement plaster of mix 1:6(1 cement 6 fine sand)	30.00	Sqm	95.10	2,853.00
15	6 mm cement plaster of mix: 1:3(1 cement : 3 fine sand)	15.00	Sqm	62.15	932.25
16	Ellis pattern flooring 20mm thick cement concrete using 1 cement and 3 granite metal stone of chipping of 3 to 10 mm guage including fine finishing, neat thread lining, curing, cost of all materials etc complete.	13.00	One Sqm	140.00	1,820.00

17	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including priming coat with cement primer.	25.00	Sqm	14.90	372.50
18	Finishing walls with Acrylic smooth exterior paint of required shade old work (two or more coats applied @ 1.67ltr/10sqm) on existing cement paint surface)	32.00	Sqm	36.30	1,161.60
19	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	8.00	Sqm	51.30	410.40
20	filling available excavated earth (excluding rock) in trenches, plinth sides of founding each deposited layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, lead upto 50m and lift up to 1.5,.	1.50	Cum	45.70	68.55
21	Coveyance of excavated earth upto a lead of 2 km as directed by engineer- in - charge	5.00	Cum	56.41	282.05
22	Providing and fixing on wall face unplastiscised rigid pvc rain water pipes conforming to IS 13592 type a including jointing with seal ring conforming to IS 5382 leaving 10mm gap for thermal expansion (i) single socketed pipes 110mm diameter	6.00	Metre	163.40	980.40
23	Providing and fixing on wall face unplastiscised PVC moulded fittings/ accessories for unplastiscised rigid PVC rain water pipes conforming to IS 13592 type A including jointing with seal ring conforming to IS 5382 leving 10mm gap for thermal expansion Shoe (plain) 110mm shoe	1.00	No	263.10	263.10
24	Providing and fixing unplastiscised PVC pipe clips of approved design to unplastiscised PVC rain water pipes by means of 50x50x50mm hard wood plugs screws with MS screws of required length including cutting brick work and fixing in cement mortar 1:4(1cement 4 coarse sand) and making good the wall etc. complete	3.00	No	96.90	290.70
25	Providing imprevous coat over RCC roof sab with CM (1 : 3) prop. 20 mm average thick mixing with water proofing agent like accoproof or any other impermo compound at 1 Kg per bag of cement laid over roof slab when it is green including cost and conveyance of al materials to site Cost of seigniorange charges on all materials, all taxes labour charges such as mixing laying to proper slopes as directed during execution, rendring smooth and thred lining at regular inyerval of 450 mm x 450 mm and around off junction of all and slabs curing etc. complete for finishing item of the work.(aas per SS 902) Per 10 Sqm.	20.00	Sqm	122.87	2,457.40
26	Providing and fixing ISI marked oxidised M.S. tower bolt black finish(Barrel type) of size 200x10 mm with necessary screws etc complete all as directed by Engineer-in-charge.	6	No	28.60	171.60
27	Providing and fixing ISI marked oxidised M.S. Hands conforming to IS:4992 of size 100 mm with necessary screws etc all as directed by Engineer-in-charge.	3	No	7.75	23.25
28	Providing and fixing ISI marked oxidised M.S. aldrops of size 300 mm with necessary screws etc all as directed by Engineer-in-charge.	1	No	108.80	108.80
Total estimate cost					1,660,923.98
Tender %	In words	Figures			
Excess					
Less					
Estimate					

Notes	
1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than service tax as applicable from time to time.
3	Service tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.
4	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL.
5	The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work.
6	The maintenance period of the work is 04 months . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.