



**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM::HYDERABAD::32**  
**FACTORY CIVIL ENGINEERING DEPARTMENT**

Issued to:

**SCHEDULE - A**

**PRICE BID**

**Tender notice No:HY/FCD/OT-13/09-10**

**Dt: 12.10.2009**

**Item no: 3**

**Name of work: - Construction of CDC ware house (24mx84m) at 09 block**

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
1a	<b>Earth work</b> in excavation in all soils by mechanical means (Hydraulic Excavtors) / manual means in foundations trenches or drains (not exceeding <b>1.5m</b> in width or 10 Sq.M on plan ) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50M.	1950.00	Cu.m	103.40	201630.00
b	----do---- up to First additional depth of <b>1.50 M to 3.00 M.</b>	670.00	Cu.m	122.30	81941.00
c	----do---- up to second additional depth of <b>3.01 M to 4.50 M.</b>	10.00	Cu.m	141.20	1412.00
2	<b>Earth work</b> in excavation by mechanical means (Hydraulic Excavators) / manual means over areas (exceeding 30 cm in depth , 1.5 m in width as well as 10 Sq.M on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m, disposing earth to be levelled and neatly dressed for <b>Hard Rock</b> (Blasting prohibited).	300.00	Cu.M	325.25	97575.00
3	Providing and laying in position <b>cement concrete</b> of specified grade excluding the cost of centering and shuttering including consolidation by vibrations for all works up to plinth level with <b>1:4:8</b> (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size ).	290.00	Cu.M	2449.00	710210.00
4	Providing and laying in position specified grade, of <b>Reinforced cement concrete</b> excluding the cost of centering, shuttering, finishing and reinforcement - <b>all work up to plinth level with 1:2:4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size ) -	50.00	Cu.M	3359.60	167980.00
5	Providing and laying in position specified grade of <b>reinforced cement concrete</b> excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works <b>up to plinth level with 1:1½:3</b> (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size ).	465.00	Cu.M	3732.00	1735380.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
6	Providing and laying in position ready mix concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 25 KM having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per ID: 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. <b>M 20 grade Reinforced cement concrete by using 320 kgs of cement per cu.m of concrete. All works upto floor V level</b>	454.00	Cu.m	3886.00	1764244.00
7	<b>Brick work</b> with FPS bricks of class designation 75 in superstructure above plinth level up to ground floor in all shapes and sizes in cement mortar 1:6.	75.00	Cu.M	2357.40	176805.00
8	<b>Plastering in CM 1:6 , 20 mm</b> thick to internal and external surfaces of walls including the cost of all materials , labour , curing etc, complete -Up to 10.00 M level.	760.00	Sq.M	95.10	72276.00
9	<b>Filling</b> with available <b>excavated earth</b> (excluding rock) in trenches , plinth , sides of foundations etc. in layers not exceeding 20 cm in depth , consolidation each deposited layer by ramming and watering , lead upto 50.00 m and lift upto 1.50 m.	1400.00	Cu.M	45.70	63980.00
10	<b>Conveyance of excavated spoil</b> up to a lead of 2 Kms, including loading , unloading and spreading etc. complete as directed by Engineer- in- charge.	1200.00	Cu.M	56.41	67692.00
11	Granolithic topping of 25 mm thick using 1 cement 1 granite chips of 10mm down graded laid over base concrete when it is green conditions and <b>ironite finishing</b> 12mm thick using a mix of 50Kg of ironite , 200 Kg of cement and 0.30 Cu.m of granite metal 6mm down graded including cost of form work , curing etc. complete.	2520.00	Sq.M	428.50	1079820.00
12	<b>Reinforcement for R.C.C. work</b> including straightening , cutting , bending , placing in position and binding grills with binding wire all complete by cold twisted bars.	50.00	MT	42700.00	2135000.00
13	Providing <b>STP</b> make 12 mm thick <b>mastic pad</b> of 25mm depth in flooring construction joints including cost of all materials and labour.	850.00	RM	10.40	8840.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
14	Providing & Fixing of top fixed, side hung of <b>NCL Secular windows</b> fabricated from Roll formed section made of pre painted steel (Base steel as per IS 513 of 0.6 mm thick, 'D' quality, galvanized as per IS 277 with zinc 150 GSM / Sq. Mtr). Section for shutter should be of 46 x 46 mm, external frame should be of 46 x 52 mm, section for glass beading should be of 18 x 25 mm & center mullion should be 46 x 70 mm. The sections to be cut to length, meter joined with corner bracket. Centre mullions are to be fixed using mullion cap. Handle made of high grade aluminium powder coated & with nylon receiver & glazed with 4 mm thick, modi float glass. Gasket made of E.P.D.M. Corner brackets made of C.R.C.A with zinc phosphating. Million caps made of glass filled nylon. The above frames should be fixed to the concrete / masonry walls by means of self expanding concrete.	50.00	Sq.M	4506.70	225335.00
15a	<b>Fabrication of structural steel</b> work including all materials going into the process of fabrication and forming and integral form of steel work together with all shop and site rivets and electrodes for site welding as necessary and all site connections comprising sag rods, floor beams, girders, bracings, trusses and frame work for fixed false ceiling and for movable false ceiling, purlins with channel / angles, MS flat supports including all connections as per detailed drawings connected steel works etc., cleats, gusset plates, all bolts, nuts, washers, base plates, anchor bolts as per detailed drawings, cutting, welding and painting 2 coats of red-oxide primer before erection etc., complete. The rate shall include painting 2 coat of Red-oxide as per IS specifications and all charges for handling, leading and loading at the fabrication yard. The rate includes cost of electrodes, gasse etc., The raw structural steel sections will be issued FREE of cost at BHEL stores.	100.00	MT	8805.00	880500.00
15b	<b>Erection of Steel work</b> out lined in item No.15 a above including the charges for handling, leading and stacking at site at approved locations prior to erection including all site rivetting, bolting, jointing and site welding where ever required.	100.00	MT	3774.00	377400.00
16	<b>Painting</b> at site of all <b>structural steel</b> work with 2 coats of aluminium paint / synthetic enamel paint of approved shade to trusses, columns, girders, bracings etc., with aluminium paint or synthetic enamel paint as required etc., complete. The required paint only will be issued free of cost by B.H.E.L at their stores.	100.00	MT	596.50	59650.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
17a	Supplying and fixing of Tracdek Hi-rib single skin galvalume / Zinalume sheets of 0.5 mm thick. One Meter width and length upto 12 M with Factory cut and fixing to the roof shall be crest fixed to roof purlins with number 12-14 x 55 mm long polymer coated galvanized hex-head self drilling screws with integral washers and EPDM seals (4 fasteners per support) for sheet etc., complete as directed. (Including cost of galvalume sheets). - for roofing bare galvalume sheets.	600.00	Sq.m	660.00	396000.00
17b	.. Do.. Cladding - Coloured	1160.00	Sq.m	720.00	835200.00
18	Supply & Installation of 0.5 mm thick colour <b>galvalume sheet flashings hood / ridges/ triangular portion</b> closers to require shape with self threaded screws etc. complete as directed.	70.00	Sq.M	900.00	63000.00
19	Supply of skylight (poly carbonate 4.5mm thick) size 2ftx21ft in the curved roof	42.00	nos	10830.00	454860.00
20a	<b>Felling trees</b> of the girth (measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable materials and disposal of unserviceable materials - <b>upto 1.20 M</b>	25.00	Each	359.80	8995.00
b	-- do ---- <b>upto 2.40 m---</b>	5.00	Each	1658.85	8294.25
21a	Providing and laying non-pressure <b>NP2 class (light duty) R.C.C. pipes</b> with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement :2 fine sand) including testing of joints etc. complete - 300mm dia R.C.C pipe.	120.00	RM	338.75	40650.00
b	-----do -----for 450 mm dia RCC pipe.	104.00	RM	499.55	51953.20
22	Applying <b>Snowcem/interior</b> emulsion paint 2 coats to external new plastered surfaces including curing etc., over a coat of primer ( paint will be issued free of cost by BHEL at their stores).	760.00	Sq.M	28.20	21432.00
23	<b>Dismantling steel work</b> in built up sections in angles tees, flats and channels including all gusset plates, bolts, cutting rivets, welding etc., including dismembering and stacking within 50 metres lead and handing over to BHEL stores upto a lead of 2 KM	12.00	MT	890.11	10681.32
24	<b>Removing</b> of corrugated / semi corrugated, <b>A.C sheets</b> including North Light curves barge boards etc., in roof, sides, gable ends, louvers etc., and stacking the materials carefully for re-use wherever required.	924.00	Sq.M	41.60	38438.40

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
25	Supply and fixing of <b>Electrically operated rolling shutters conforming to as per IS 6248</b> , Shutter curtain made out of Aluminum Double Wall with 60 mm, OD " C " class Pipe, side Guide 150x2.5 mm thick Top Bracket 6 mm thick, MS Plate and Aluminum Bottom Rail 3.0 mm thick and Angle support 40x40x5 mm thick Angle End to End, Hood Cover 1.00 mm thick, Electrical Gear Operated System with 1 No of Reduxion Gear Box, 1 No Crompton Induction Motor 3 Phase(capacity of the Motor shall be suitable to the size of the doors as mentioned below) with Limit Switch and Reversible Switch make of Bharat Cutter with necessary electrical cabling required for operation of shutter. One coat of Red Oxide paint except shutter curtain. The rolling shutter shall be provided with proper locking arrangement and shall be as per IS 6248. The rate quoted shall include cost of all materials, labour and scaffolding etc complete as directed by Engineer. The measurement will be made on finished item of the work for payment (The other items are made out of MS and the approximate size of the door is 5x6 M)	48.00	Sq.M	9396.00	451008.00
26	Construction of Rectangular <b>Manhole</b> of inside dimensions 1.20 x 0.90 M including Earth work, bed concrete 1:2:4 – 200 mm thick, walls with C.R.S Masonry 2 <sup>nd</sup> sort in C.M (1:6) of 0.45 M width, plastering walls inside, out side with C.M (1:4) / 20 mm channeling, inside manhole neat finishing, fixing C.I Foot steps at 400 c/c. Fixing of Angle iron frame with 75 x 75 x 6 lugs welded in C.C 1:2:4 on top of wall of 10 cms thick including back filling etc., complete. including casting & placing in position of RCC cover for the manhole. (M.S. Angle, will be issued free of cost). _	5.00	Each	12000.00	60000.00
27	Construction of brick <b>masonry chamber</b> of size 23 x 30 Cm (9" x 12") in brick work in CM 1:6 and plastering in CM 1:4, 20 mm for <b>gully trap</b> 150 mmx100mm including cost of excavation, PCC 1:4:8, 75 mm thick, all materials, labour etc., complete.	10.00	Each	321.00	3210.00
28	Supplying <b>80 mm nominal borre GI pipe</b> medium grade properties and weight as per IS 1239 , ISI marked with GI fittings, including cost of pipe and its fittings, labour charges complete.	144.00	RM	458.15	65973.60

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
29	Supplying and fixing plain <b>PVC pipe of 200 mm dia</b> of approved quality with specials, accessories and approved sealing /jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining to MS gutters , including cost of all materials ,sealing compound ,labour etc., for all heights complete	250.00	RM	568.00	142000.00
30	Supplying and fixing <b>hangers</b> for supporting lights inside bay.	80.00	Each	200.00	16000.00
31	supplying and fixing 24" aluminium <b>turbo ventilators</b> over self supported arched sheet roofing .	20.00	Each	11133.00	222660.00
32a	Fabrication and fixing of <b>M.S holding down bolts</b> , threaded both sides including supply of nuts, washers etc., complete as directed. (M.S. rounds as per required size will be issued on free of cost at BHEL stores)	0.25	MT	26476.30	6619.08
b	Supplying and fixing of various sizes of MS bolts,nuts and washers conforming to IS 1367-1961 including cost of all materials, labour etc., complete (MR)	0.90	MT	49833.00	44849.70
33	<b>Fixing 52 Kg rails</b> for various gauges at floor level including fixing side guide angle etc., complete with necessary clamps required for fixing rails in position and alignment, leveling as per B.I.S 7215-1974. (M.S rails, M.S. Angles, Strl. steel will be issued free of cost by BHEL at their stores).Including cost of clamps,bolts & nuts etc.,	9.00	MT	6000.00	54000.00
34	Supply and fixing of <b>aluminum window grills</b> of size 1.50 Mx1.80M and 1.20 mx1.80M . along with aluminium frame consisting aluminium 'F' (solid) 0.80kg/12' supply and fixing of design of 2" aperture aluminium grill to the above frame work with necessary fixtures. It includes fixing of total frame to the existing brick work, finishing etc complete. (The material shall be aluminium alloy :6063, thick 7 mm, ultimate tensile strength more than 19 kgs/sq mm)	50.00	Sq.m	1540.00	77000.00
35	Providing & Fixing <b>glazing</b> with 6 mm thick wired glass fixing to the aluminium sections of 2 mm thick with rubber beeding fixed to the MS frame etc; complete as directed by Engineer-in-charge.	576.00	Sq.m	900.00	518400.00
36	Design ,supply ,erection of self supported type <b>arched sheet roofing</b> (galvalum sheet) as per specs enclosed for 24mtrs span bay.	2305.00	Sq.m	1665.00	3837825.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
37	Supply and fixing of new <b>urinary pans</b> , "Parry ware" make, ceramic, Model (Cat 0575)- "New Magnum Urinal" (600 mm x 400 mm) along with all accessories, C.P spreader brackets etc., regular in colour along with partition for Magnum Urinal ceramic, 'Z' type brackets to be screwed to the wall at the bottom, in regular colour etc., complete - The rate quoted shall also include cost of dismantling existing urinary pans with all fittings and handing over to divisional stores.	2.00	Each	3933.00	7866.00
38	Supply and fixing with "Parry ware" make Cascade series <b>wash hand basin</b> of size 550 mm x 450 mm oval shape with counter top with centre tap hole, regular in colour with all accessories like brackets, screws etc., complete .	2.00	Each	2024.00	4048.00
39	Supply and fixing of new "Parry ware" make Elite - <b>European water closet</b> of size 530 mm x 400 mm, with "P/S" trap including PVC Slimline Dual flush tank (Cistern) of size 475 mm x 318 mm (Code No. C8109), EWC standard seat cover (Cat C8071) with all accessories like Parryware flush kit suitable to the above flush tank, brackets, screws, connecting pipe from flush tank to EWC, PVC Connections etc. complete. Colour: Silky Off - White.	1.00	Each	2000.00	2000.00
40	Supply and fixing of new "Parry ware" make <b>Indian Water Closet, Orissa pan</b> of size 580 mm x 410 mm - Open rim (Code No. C0109) including PVC Slimline Dual Flush tank (Cistern) of size 475 mm x 318 mm (Code No. C8109) with all accessories like Parryware flush kit suitable for the above flush tank with all required accessories etc., complete. Colour: Silky	1.00	Each	3000.00	3000.00
41	Supply & fixing of 6 mm thick <b>mirror</b> of approved quality "Modi float/Saintgobin glass", with 6 mm thick hard board back and with best quality teak wood frame (design beading) all round the mirror including necessary clamps, polishing to the beading, cost of all materials etc. complete.	1.00	One Sq.m	1445.00	1445.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
42	Providing and fixing shutters along with frames for toilets that are 30 mm thick factory made PVC rigid foam paneled, door and shutters manufactured by M/s. Rajashri made from M.S. tube, 19 gauge thick, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC "C" channel of 5mm thick sheet and 30x50mm wide for styles and 5mm thick and 75mm wide PVC sheets for top rail and bottom rail either side and 5 mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, paneling of 5mm thick PVC sheet fitted with M.S. frame welded / sealed to the styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesive etc. complete in all respects as per direction of engineer in-charge fixed to frames. This includes providing brass hinges, brass aldrops, brass tower bolts, brass handles and brass door stoppers (For W.C. and bathroom doors).	6.00	Sq.m	1830.00	10980.00
43	Supply and fixing of toilet doors along with teak wood door frame of required size consist teak scantlings of 100 mm x 75 mm and flush door shutter and laminating both door frame and shutter with premium quality teak veneer in required colour and design and malamine polish. Flush door shutter shall be chemically treated and water/insect/borer proof and 30 mm thick. This includes providing brass hinges, brass aldrops, brass tower bolts, brass handles	2.00	Sq.m	3000.00	6000.00
44	Supply & fixing "Jaquar" make Pressmatic urinal flush valve for urinal pots (Cat. No. 51027) with all accessories.	2.00	Each	1320.00	2640.00
45	Supply & fixing "Marc" make oyster series brass bib cocks. With all accessories / Cat: MOR 1030.	4.00	Each	506.00	2024.00
46	Supply & fixing "Jaquar" make Pressmatic pillar cock for wash basins, with all accessories. (Cat: 031)	4.00	Each	519.00	2076.00
47	Supply & fixing "Marc" make Oriental series brass stop cock with all accessories.	4.00	Each	698.00	2792.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
48	Providing and fixing 1st quality <b>ceramic glazed wall tiles</b> conforming to IS : 15622 (thickness to be specified by the manufacture) of approved make in all colours, 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 of cement mortar 1:3 (1cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 Kg per Sq.m including poniting in white cement mixed with pigment of matching shade complete.	52.00	Sq.m	556.60	28943.2
49	Supply & fixing of <b>18 mm thick</b> best quality approved colour and design machine cut <b>mirror polished granite slabs</b> in required sizes for counter wash basins, floorings, vanity counter, claddings, facias etc. including cutting, champering, rounding and mirror polishing etc. complete as directed. Cost of granite slabs shall be Rs. 1600/- per Sq. m and granite slabs of required design and colour will be selected by department.	20.00	Sq.m	3071.00	61420.00
50	Supply & fixing in position <b>PVC Pipes</b> of 3" dia(as per IS 6kg/sq.m) of best quality for drainage lines / urinal / hand wash areas including chasing the brick wall, concrete etc and making good the same after fixing the same etc. complete.	10.00	RM	108.70	1087.00
51	Supplying and fixing CI <b>Nahany traps</b> 1st quality ISI marked conforming to IS: 1729 - 1979 with C.P Grating fixing with white cement as per site requirements with standard practice - 100mm inlet - 75 mm dia (3") outlet pipe - 4 Kgs.	4.00	Each	200.00	800.00
52a	Supply & fixing <b>15 mm dia Nominal Bore GI pipe medium Grade properties</b> and weight as per IS 1239 ISI mark with GI fittings including the cost of GI pipe & its fittings, chasing brick work/concrete and making good the same ,cost of labour , all materials etc. complete.	5.00	RM	131.00	655.00
b	.. Do... 20mm dia (3/4")	20.00	RM	146.00	2920.00
c	.. Do... 25mm dia (1")	60.00	RM	191.00	11460.00
53a	Supply & fixing of <b>GM peet valves</b> , heavy quality, ISI marked Leader/Zoloto make of nominal bore for 15 mm (1/2") dia	1.00	Each	242.00	242.00
b	.. Do .. 20mm dia (3/4")	2.00	Each	327.00	654.00
c	..do ...25mm dia (1")	1.00	Each	482.00	482.00
54	Construction of brick masonry chamber of size 23 x 30 Cm (9" x 12") in brick work in CM 1:6 and plastering in CM 1:4, 20 mm for <b>gully trap</b> 150 mmx100mm including cost of excavation, PCC 1:4:8, 75 mm thick, all materials, labour etc., complete.	1.00	Each	321.00	321.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
55	Construction of <b>brick masonry chamber</b> of dimension 0.914 x 0.457 x 0.914 m (3' x 1'6" x 3') with brick in CM 1:6 including plastering over both sides with CM 1:4, 20 mm thick and fitted with light weight CI frame and cover of size 0.914 x 0.457 m in CM 1:4 including bed concrete of CC 1:4:8 as required, supplying and fixing one CI steps in brick masonry if necessary if necessary including earth work excavation in all soils, refilling around the chamber removing the surplus earth etc. complete as directed.CI frame and cover of 40 kgs.	1.00	Each	3226.00	3226.00
56a	Supplying ,laying ,jointing and testing 101.60 mm (4") SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1:5:1 prop. including excavation of trenches and socket pits in anysoil(except rock requiring blasting) up to 914.40 mm(3' 0") depth and refilling with watering and tamping.	6.00	RM	149.00	894.00
b	Supplying ,laying ,jointing and testing 152.4 mm (6") <b>SWG pipes</b> of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1:5:1 prop. including excavation of trenches and socket pits in anysoil(except rock requiring blasting) up to 1524 mm(5'.0") depth and refilling with watering and tamping.	6.00	RM	254.00	1524.00
57	Supply and Fixing <b>PVC Ventilating cowl</b> of 110 mm dia.	1.00	Each	14.00	14.00
58	Supplying and fixing position <b>PVC tank</b> of 1000 Liters capacity double layer of approved make including giving inlet and out let connections, cost of all materials like GI specials, labour etc, complete	1.00	Each	6000.00	6000.00
59	Dismantling <b>brick masonry</b> walls for all heights, removing and clearing the debries and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc., complete.	20.00	Cu.m	355.88	7117.60
60	Dismantling <b>reinforced cement concrete / plain cement concrete</b> and disposing of debries upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc.,	20.00	Cu.m	582.68	11653.60
61	<b>Grass cutting / jungle clearce</b> including cutting the small trees / bushes / shrubs including, uprooting and cleaning the site etc., complete all as directed by Engineer-in charge.	800.00	sq m	1.36	1088.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
62. a	<b>Removal of waste product</b> loading into the vehicle and unloading the same at specified yards as directed by the Engineer-in-charge. The vehicle shall be weighed before and after loading for each trip at BHEL weigh bridge. The rate quoted shall include cost of hire charges of vehicle, labour, tools, safety equipment etc., complete. Payment will be made against the weight of the materials disposed: <b>-for wood</b>	15.00	MT	508.00	7620.00
b	do <b>-for MS scrap</b> including MS packing strips etc.	20.00	MT	381.00	7620.00
c	do <b>-for garbage</b> , including oil soaked cotton waste, dry packing grass, packing cartoons and waste papers etc.	15.00	MT	655.00	9825.00
63	Dismantling manually /by mechanical means including stacking of serviceable material and disposal of unserviceable material within a lead of 50 m as directed by Engineer-in-charge- <b>for bituminous road</b>	100.00	Sq.M	66.30	6630.00
64	Casting and placing in position of R.C.C cable trench covers of 75 mm thick of mix 1:1.5:3 with 20 mm down graded metal including cutting, welding of Angle iron frame, spreading of Ironite powder at 2 Kg / Sq.m, neat finishing etc. (Fabrication of Angle iron frame and reinforcement will be paid separately under different items).	115	Sq.M	353.00	40595.00
65	Fabrication and fixing <b>inserts</b> in concrete wall with lugs of required dia welded to the insert plates.(St. Steel,electrodes and gas required for work will be issued on free of cost by BHEL at their stores)	18.00	MT	3500.00	63000.00

S No	Description of the item	Qty	Unit	Rate (Rs)	Amount (Rs)
66	Supply and fixing North Light curves in required girth with 0.5 mm color galvalume sheets upto a length of 2.5 M having curved width upto 600 mm fixing to the steel members with self drilling / self stitching, fasteners at a maximum of 500 mm c/c along the length of capping, flashing etc., complete as directed by Engineer-in-charge including the cost of galvalume sheets, labour etc., complete.	84.00	Sq.M	720.00	60480.00
				<b>Total</b>	<b>17717861.95</b>

**Rupees : One Crore seventy seven lakhs seventeen thousand eight hundred sixty two only.**

**Service Tax:-** The Service tax as applicable is extra which will be paid by BHEL to the agency after submission of necessary valid documents by the agency.

**Note :** The Tenders are required to quote the tender value on

Tender %	In figure	In words
Excess		
Less		
<b>Estimated Rate only</b>		

**Name of the Contractor :**

**Signature of the Contractor**

**Accounts Representative**

**Opening officer**