



**भारत हेवी इलेक्ट्रिकल्स लिमिटेड | Bharat Heavy Electricals Limited**  
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कार्य का नाम | Name of the work: **“Roof sheet repair works and other Miscellaneous works in 04, 05, 06 Shops”**.

**SCHEDULE-A :: ABSTRACT ESTIMATE**

Item No.	Description of the item	Unit	Qty	Unit Rate excluding GST	Amount excluding GST
1.1	<b>Dismantling reinforced cement concrete / plain cement concrete</b> and disposing of debris upto to a lead of 2 km including loading, unloading and spreading as directed by Engineer-In-Charge etc., complete. All as directed by Engineer-In-Charge.	Cu.m	3.80	Rs. 1,756.51	Rs. 6,674.74
1.2	<b>Removal Existing roof / side cladding</b> of AC / Non-asbestos, Galvalume Sheets roofing, louvers side cladding, North light curves, ridges, flashings, North light glazings etc., including loading, transportation, unloading etc., within the premises up to a lead of 2 km as directed by Engineer-In-Charge.	Sq.m	1,230.00	Rs. 72.80	Rs. 89,544.00
1.3	<b>Dismantling steel work in built-up sections</b> in angles, tees, flats, channels etc., including all gusset plates, bolts, cutting rivets, welding etc., <b>at all heights and elevations</b> including dismembering and stacking within 2 km lead.	MT	1.00	Rs. 9,556.96	Rs. 9,556.96
2	<b>Earth work in excavation in all soils</b> by mechanical means (Hydraulic Excavators) / manual means in foundations trenches or drains (all depths) 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. All as directed by Engineer-In-Charge.	Cu.m	3.00	Rs. 165.92	Rs. 497.76
3	<b>Clearing jungle</b> including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sq.m	50.00	Rs. 8.25	Rs. 412.50
4.1	<b>Conveyance of excavated soil</b> up to a lead of 2 kms, including loading, unloading and spreading etc. complete as directed by Engineer-In-Charge.	Cu.m	2.80	Rs. 112.07	Rs. 313.80
4.2	<b>Filling with available 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.	Cu.m	0.90	Rs. 144.45	Rs. 130.01
5	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 <b>at all elevations with 1:4:8</b> (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 mm nominal size). <b>Only cement will be issued by BHEL on free of cost at BHEL store.</b>	Cu.m	2.50	Rs. 3,054.59	Rs. 7,636.48
6	Providing and laying in position specified grade of <b>Reinforced / Plain Cement Concrete</b> excluding the cost of centering, shuttering, finishing and reinforcement <b>at all elevations with 1 : 1½ : 3</b> (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size). <b>Only cement will be issued by BHEL on free of cost at BHEL store.</b>	Cu.m	6.80	Rs. 3,304.57	Rs. 22,471.08
7	<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 / TMT Bars of Fe 500 or above grade. <b>(Only Steel Reinforcement will be issued by BHEL on FREE of cost at BHEL stores)</b>	MT	0.50	Rs. 12,333.72	Rs. 6,166.86
8	<b>Centering and shuttering</b> including scaffolding, strutting, propping etc and removal of form work, for foundations, footings, columns, beams, slabs <b>at all elevations &amp; heights etc.</b> , All as directed by Engineer-In-Charge.	Sq.m	150.00	Rs. 187.33	Rs. 28,099.50

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**SCHEDULE-A :: ABSTRACT ESTIMATE**

Item No.	Description of the item	Unit	Qty	Unit Rate excluding GST	Amount excluding GST
9	<p><b>Charges for providing &amp; fixing double Scaffolding System (cup lock type)</b> on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal &amp; vertical tubes joining with cup &amp; lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-In-Charge. <b>The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.</b></p> <p><b>Note: This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.</b></p> <p><b>All piping materials, fixtures, clamps and other incidentals are in Contractor scope.</b></p> <p><b>(Only One time payment shall be made for providing Scaffolding system from start of work till completion of work including shifting if any, to other locations of the Factory and reused for several times in the Contract period. The Scaffolding pipe shall be the property of the contractor on completion of the work).</b></p>	Sq.m	150.00	Rs. 136.28	Rs. 20,442.00
10	<p><b>Providing and fixing Scaffolding net</b> of required width made of high density Polyethylene UV stabilized knitted on warp knitting machines having density 100gm/Sqm and shading coefficient minimum 75% around the construction site/ for vertical extension as per requirement including fastening/tying with building/scaffolding pipes or with any other fixtures etc., complete as per direction of Engineer-In-Charge. <b>All materials, fixtures and other incidentals are in Contractor scope.</b></p> <p><b>(Only One time payment shall be made for providing Scaffolding net from start of work till completion of work including shifting if any, to other locations of the Factory and reused for several times in the Contract period. The Scaffolding net shall be the property of the contractor on completion of the work).</b></p>	Sq.m	200.00	Rs. 16.49	Rs. 3,298.00
11	<p><b>Brick work</b> with Ground moulded clay FPS brick in super structure above plinth level upto floor five level in <b>cement mortar 1:6</b> (1 cement : 6 Coarse sand). Cost includes placing two 6 / 8 mm dia MS round / Ribbed steel bars in every fourth layer in case of half brick wall. Cost of placing steel bars shall be paid separately under steel reinforcement.</p> <p><b>(Only cement and steel reinforcement will be issued by BHEL on free of cost at BHEL stores.)</b></p>	Cu.m	4.20	Rs. 4,714.82	Rs. 19,802.24
12	<p><b>Plastering in CM 1:6, 20 mm thick</b> to internal and external surfaces of walls, ceiling including the cost of all materials, labour, curing etc, complete - upto 10.00 m level.</p> <p><b>(Only cement will be issued by BHEL on free of cost at BHEL Stores)</b></p>	Sq.m	48.60	Rs. 202.51	Rs. 9,841.99
13	<p><b>Providing Granolithic topping of 25 mm thick using 1 part cement and 1 part granite stone chips by volume</b> of 10 mm down graded laid over base concrete when it is in green condition and <b>ironite finishing 12 mm thick using a mix of 50 kg of ironite, 200 kg of cement and 0.30 Cu.m of granite stone chips / metal of 6 mm down graded</b> including cost of form work, granite chips, ironite, labour, machinery, curing etc., complete as directed by Engineer-In-Charge.</p> <p><b>(Only Cement shall be issued by BHEL free of cost at BHEL stores)</b> <b>Except Cement, all material are under Contractor scope</b></p>	Sq.m	5.00	Rs. 324.17	Rs. 1,620.85



कार्य का नाम | Name of the work: **“Roof sheet repair works and other Miscellaneous works in 04, 05, 06 Shops”**.

**SCHEDULE-A :: ABSTRACT ESTIMATE**

Item No.	Description of the item	Unit	Qty	Unit Rate excluding GST	Amount excluding GST
14	<b>Fabrication of Structural Steel work</b> including all materials going into the process of fabrication and forming an integral part 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 primer as per IS specifications and all charges for handling, leading and loading at the fabrication yard. <b>(Only raw structural steel sections, electrodes, gasses only will be issued by BHEL on FREE of cost at BHEL stores).</b>	MT	40.00	Rs. 16,364.90	Rs. 6,54,596.00
15	<b>Erection of Steel work</b> out lined item at 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. <b>(all heights).</b>	MT	40.00	Rs. 7,013.52	Rs. 2,80,540.80
16.1	<b>Providing and fixing pre-coated galvanised iron profile sheets</b> (size, shape and pitch of corrugation as approved by Engineer-In-Charge) <b>0.50 mm (+ 0.05 %)</b> total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns <b>at all heights</b> . Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-In-Charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. <b>All materials, fixtures, clamps, screws, tools &amp; tackles and all other incidentals required for the work are in Contractor scope.</b>	Sq.m	1,230.00	Rs. 516.00	Rs. 6,34,680.00
16.2	<b>Providing and fixing Non-Asbestor sheets</b> high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (as per IS: 14871) Roofing, North light curves, Flashings, Ridges and other specials suitable to the sheeting works etc. up to any pitch and fixing with polymer coated J, or L hooks & bolts including cutting sheets to size and shape wherever required. The profile should match with the existing roof sheeting and as approved by Engineer-in-charge and all related parameters is to be matched is as per IS 14871. The test certificate pertaining to for breaking load test is to be submitted by the agency from the reputed lab for approval and also all other test and pitch and height of corrugation physical characteristics is as per IS 14871 etc. complete all as directed by Engineer-in-charge. The work is to be carried out above 20 m height etc. complete all as directed by Engineer-in-charge. Before quoting the agencies are advised to study the all parameters of the roof sheeting work in IS 14871. <b>Make: Charminar</b> <b>All materials, fixtures, clamps, screws, tools &amp; tackles and all other incidentals required for the work are in Contractor scope.</b>	Sq.m	200.00	Rs. 409.48	Rs. 81,896.00



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SCHEDULE-A :: ABSTRACT ESTIMATE

Item No.	Description of the item	Unit	Qty	Unit Rate excluding GST	Amount excluding GST
17	<b>Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm</b> (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling / self tapping screws complete <b>at all heights</b> : <b>All materials, fixtures, clamps, screws, tools &amp; tackles and all other incidentals required for the work are in Contractor scope.</b>				
17.1	<b>Ridges plain (500 - 600mm)</b>	m	30.00	Rs. 532.81	Rs. 15,984.30
17.2	<b>Flashings / Aprons (upto 600 mm)</b>	m	60.00	Rs. 514.71	Rs. 30,882.60
17.3	<b>North light curves</b>	m	30.00	Rs. 554.45	Rs. 16,633.50
17.4	<b>Barge board (upto 300 mm)</b>	m	30.00	Rs. 484.69	Rs. 14,540.70
17.5	<b>Crimp curve</b>	Sq.m	30.00	Rs. 530.64	Rs. 15,919.20
17.6	<b>Gutter (600 mm over all girth)</b>	m	30.00	Rs. 655.40	Rs. 19,662.00
18	<b>Charges for fixing precoated galvanised steel sheet roofing accessories 0.50 mm</b> (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling / self tapping screws complete <b>at all heights</b> : <b>All fixtures, clamps, screws, tools &amp; tackles and all other incidentals required for the work are in Contractor scope.</b> <b>Only accessories like North lighting Curve sheets etc., shall be issued by BHEL on free of cost at BHEL Stores.</b>	m	90.00	Rs. 59.84	Rs. 5,385.60
19.1	Supplying and fixing of <b>Fibre Reinforced acrylic roofing sheets 3mm thick</b> of light blue/white shade & of approved brand to match with Roofing sheet <b>at all heights</b> including cost of all materials such as self-driven bolts, nuts, washers etc. and fixing at all heights of the factory blocks etc., complete all as directed by Engineer-In-Charge. <b>All materials, fixtures, clamps, screws, tools &amp; tackles and all other incidentals required for the work are in Contractor scope.</b>	Sq.m	35.00	Rs. 1,203.62	Rs. 42,126.70
19.2	Supply and fixing of <b>5 mm thick Multi wall polycarbonate sheets</b> and anadoised aluminium glazing bars together with complete accessories for <b>North light glazing</b> of factory blocks <b>at all heights and elevations</b> including cost of all materials labour etc. complete all as directed by Engineer-In-Charge. <b>All materials, fixtures, clamps, screws, tools &amp; tackles and all other incidentals required for the work are in Contractor scope.</b>	Sq.m	37.80	Rs. 1,449.79	Rs. 54,802.06
19	Supply and Applying <b>one or more coats with 1st quality acrylic Distemper</b> (Ready mix) having VOC content less than 50 grams/litre of approved brand and required shade to give an even shade on <b>old &amp; new surfaces at all heights</b> of the buildings, Shop Annexes including thorough cleaning & scraping the old surfaces, and cost also includes of all labour, scaffolding and all other incidentals. <b>OBD and all other materials are in Contractor scope</b> <b>Make: Nerolac / Berger / Indigo</b>	Sq.m	30.30	Rs. 37.34	Rs. 1,131.40

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**SCHEDULE-A :: ABSTRACT ESTIMATE**

Item No.	Description of the item	Unit	Qty	Unit Rate excluding GST	Amount excluding GST
20	Supply and Applying <b>two or more coats with Acrylic Smooth Exterior Paint</b> of required shade applied at 1.67 litres / 10 Sq.m <b>on old &amp; new surfaces at all heights</b> of the buildings, Shop Annexes including thorough cleaning & scraping the old surfaces, and cost also includes of all labour, scaffolding and all other incidentals - <b>OBD and all other materials are in Contractor scope</b> <b>Make: Nerolac / Berger / Indigo</b>	Sq.m	30.30	Rs. 73.40	Rs. 2,224.02
21.1	Supply and Applying <b>two or more coats Painting with Synthetic Enamel / Aluminium paint</b> of required shade applied at 4.85 litres / 1MT [or 1.16x41.8/10 = 4.85] to give an even shade <b>on old &amp; new surfaces at all heights of all material surfaces</b> including thorough cleaning & scraping the old surfaces, and cost also includes of all labour, scaffolding and all other incidentals -. <b>(Enamel Paint / Aluminium Paint and all materials and other incidentals are in Contractor scope)</b> <b>Make: Asian / Nerolac / Berger / Indigo</b>	MT	41.50	Rs. 3,340.61	Rs. 1,38,635.32
21.2	Supply and Applying <b>two or more coats Painting with Synthetic Enamel / Aluminium paint</b> of required shade applied at 1.16 litres / 10 Sq.m to give an even shade <b>on old &amp; new surfaces at all heights of all material surfaces</b> including thorough cleaning & scraping the old surfaces, and cost also includes of all labour, scaffolding and all other incidentals -. <b>(Enamel Paint / Aluminium Paint and all materials and other incidentals are in Contractor scope)</b> <b>Make: Asian / Nerolac / Berger / Indigo</b>	Sq.m	15.00	Rs. 79.92	Rs. 1,198.80
22	<b>Supplying and fixing plain PVC pipe of 200 mm dia with 6 kg/Sqcm.</b> of approved quality with specials, accessories like fixing clamps and approved sealing / jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining to MS gutters etc., including cost of all materials, sealing compound, labour, scaffolding etc., for all heights complete. <b>Make: Prince / Sudhakar / Nandi</b>	m	100.00	Rs. 905.95	Rs. 90,595.00
23	<b>Supplying and fixing plain PVC pipe of 160 mm dia with 6 kg/Sqcm.</b> of approved quality with specials, accessories like fixing clamps and approved sealing / jointing compound on the exterior of the inserted portion of the fitting and fixing in position and joining to MS gutters etc., including cost of all materials, sealing compound, labour, scaffolding etc., for all heights complete. <b>Make: Prince / Sudhakar / Nandi</b>	m	60.00	Rs. 600.89	Rs. 36,053.40
24	<b>Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars</b> jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc., complete, as directed by Engineer-In-Charge - (Excavation and backfilling, if required to be done, shall be paid separately) <b>(Only required Cement shall be issued by BHEL free of cost at BHEL stores).</b>				
24.1	150 mm dia RCC Pipe	m	18.00	Rs. 324.28	Rs. 5,837.04
24.2	300 mm dia RCC Pipe	m	18.00	Rs. 567.95	Rs. 10,223.10



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**SCHEDULE-A :: ABSTRACT ESTIMATE**

Item No.	Description of the item	Unit	Qty	Unit Rate excluding GST	Amount excluding GST
25	<b>Providing and fixing G.I. pipes (Class B - Medium) complete with all G.I. fittings of approved make</b> including trenching, refilling, finishing the surface etc., complete as directed by Engineer-In-Charge, as per IS 1239 <b>(All materials, fittings, clamps, flages, welding and other incidentals are in Contractor scope)</b>	m			
25.1	<b>15 mm dia nominal bore</b>	m	15.00	Rs. 175.91	Rs. 2,638.65
25.2	<b>25 mm dia nominal bore</b>	m	10.00	Rs. 274.86	Rs. 2,748.60
25.3	<b>50 mm dia nominal bore</b>	m	10.00	Rs. 430.20	Rs. 4,302.00
26	<b>Engaging JCB / chain wheel mounted dozer / 10-14 T Hydra Crane / Telescoping type Crane with basket / Sky lift with basket to work</b> , for dozing, levelling, lifting, handling equipment, working <b>at all heights</b> etc., as directed by Engineer-In-Charge. Rate includes Operator, fuel, helpers, slingers etc., including all incidentals for handling the work.	Hours	24.00	Rs. 1,011.15	Rs. 24,267.60
27	<b>Installation of Anchor Bolts</b> as directed by the Engineer-In-Charge. <b>Anchor Bolts shall be issued by BHEL free of cost at BHEL stores.</b>	Nos.	45.00	Rs. 63.82	Rs. 2,871.90
28	<b>Grouting of bolt pockets with Grout Mix</b> of specified proportion by the manufacturer, including cost of labour and incidentals etc. <b>Only Grout Mix shall be issued by BHEL free of cost at BHEL stores.</b>	Cu.m	1.50	Rs. 1,202.52	Rs. 1,803.78
29.1	<b>Providing and fixing ball valve (brass)</b> of approved quality, High or low pressure, with plastic floats complete - <b>15 mm dia nominal bore</b>	m	2	Rs. 222.74	Rs. 445.48
29.2	<b>Providing and fixing gun metal gate valve</b> with C.I. wheel of approved quality (screwed end): - <b>25 mm dia nominal bore</b>	m	1	Rs. 326.93	Rs. 326.93
29.3	<b>Providing and fixing gun metal gate valve</b> with C.I. wheel of approved quality (screwed end): - <b>50 mm dia nominal bore</b>	m	1	Rs. 571.58	Rs. 571.58
30	<b>Supply &amp; Fixing of high performance industrial roof vents (Turbo Ventilators)</b> made of aluminum alloy, designed to meet AS-2428.1.1993 to wind speed of 200 km/hour and to the entry of wind driven rain at a range of 2.5 litres/sec under cyclone condition and the profile of the turbo ventilator should match with the profile of the roofing sheet. The size of the turbo ventilators should be 24". The payment will not be made for the roofing sheet moulded with the turbo ventilators. Ridge profile to be matched with roofing sheet.	Nos.	1	Rs. 13,356.00	Rs. 13,356.00
<b>Total Value of work, excluding GST</b>				<b>=</b>	<b>Rs. 24,33,389</b>



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**Notes:**

1	<b>Risk Purchase</b> : In case the contractor fails to execute the work within the scheduled time or due to any other reasons, BHEL reserves the right to get the same completed through some other party at the risk & cost of the contractor and any additional expenditure incurred due to the same shall be charged to the contractor.
2	<b>Unit Rates and Amount are excluding GST. Applicable GST shall be paid as extra to the Contractor only after submission of necessary documents.</b>
3	<b>Maintenance and Defect Liability Period: Refer Clause 3.13 of NIT</b> (i) <b>The Maintenance &amp; Defect Liability Period for the contract shall be TWELVE (12) months</b> commencing from the next calendar day of actual date of completion of contract / work whichever is later. (ii) Expenditure likely to be incurred during Maintenance & Defect Liability Period shall be borne completely by the Contractor at no cost to BHEL. (iii) Cement, Reinforcement Steel, Structural Steel, Electricity, Water supply, if required during Maintenance & Defect Liability Period, shall be issued to the Contractor on <b>recoverable basis at punitive rates</b> as stipulated in respective Schedules of NIT. (iv) <b>The Security Deposit shall be released after satisfactory completion of the work including Maintenance &amp; Defect Liability</b>
4	<b>Penalty Clause: Refer Clause 2.1.3 of NIT</b> <b>The following Penalties are envisaged in the contract and shall be assessed and recovered independently:</b>
4.1	<b>DELAY IN COMPLETION OF WORK:</b> In the event of delay in completion of the awarded work beyond the contractual / approved completion date, a <b>penalty of 0.5% of the Contract value per week delay or part thereof subject to a maximum of 10% of the Contract value</b> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable. Refer Clause 3.6 of NIT for Period of Contract.
4.2	<b>DELAY IN DEPOSITION OF SECURITY DEPOSIT:</b> If the Contractor fails to deposit the required Security Deposit within TWO (02) WEEKS period from the date of issue of LoI [or] as requested by BHEL, EMD shall be forfeited and the Contractor / Tenderer may be <b>suspended from being eligible for bidding in any contract with BHEL for a period of TWO years</b> from the date of notification, in case of continuous defaulter.
4.3	<b>DELAY IN COMMENCEMENT OF WORK:</b> If the Contractor fails to commence the work within THREE (03) weeks period from the date of issue of LoI or as requested by BHEL, a <b>penalty of 0.5% of the Contract value per week delay in commencement or part thereof subject to a maximum of 10% of the Contract value</b> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable.
4.4	<b>VIOLATION OF SAFETY NORMS:</b> <b>Violation of applicable safety, health and environment related norms, a penalty of Rs. 5,000/- (Rupees Five thousand) per occasion shall</b>
5	<b>Items / materials</b> which are to be supplied under Contractor scope and becomes part of the work, payment for such items / material of the schedule shall be released only after submission of Factory Entry Gate passes of the required material and required quantity. However, bringing material inside the Factory shall not become eligible for payment and payment shall be based on actual quantity of work executed vis-à-vis quantity of material brought inside the Factory and certified by the Engineer-In-Charge.
6	<b>Taxes:</b> Bidders shall quote their Basic price exclusive of taxes. The applicable taxes on supply of material or services, as the case may be viz.GST shall be quoted separately, clearly showing the Service Code/Tariff Head, Rate of Tax and Amount of Tax in the Bid. The reimbursement of taxes to the contractor is contingent upon fulfilment by the contractor of all statutory provisions as stipulated in the relevant taxation statute enabling BHEL to avail the eligible input tax credits.
7	The tender % age quoted by the contractor shall be inclusive of all taxes <b>excluding GST, as applicable from time to time.</b>
8	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.
9	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.
10	The Contractor shall pay BHEL fair wages (which consists of State minimum wages and additional payments) to their workmen. The Contractor shall pay allowances / incentives as decided and communicated by BHEL, from time to time. Reimbursement of any increase in BHEL fair wages to the Contractor after payment of the same to the eligible workers engaged under the contract shall be as per Price Variation Clause of the Contract.
11	The agency has to bring police clearance certificate for the work force.
12	All the terms and conditions of the contact with respect to taxes & duties are subject to the new taxation laws introduced from time to time (e.g. GST). The terms and conditions will be modified in accordance with the provisions of new laws (e.g. GST).
13	Payment shall be made stage wise on approval from Engineer-In-Charge
14	Vendor shall raise GST invoice on BHEL Hyd GSTIN.



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15	If BHEL is unable to avail the input tax credit, the same amount shall be recovered from the vendor bills.
16	Quantities mentioned in the Schedule-A above are tentative & indicative only. Quantities finalised by BHEL during course of execution shall be as per actual site requirement and shall be final.
17	In case of sanctioning of additional budget within the provisions of BHEL Policies during Contract period or extended Contract period, Contract shall execute the work for the additional budget also. Quantities of the individual items shall be as finalised by the Engineer-In-
18	The labour engaged under this contract cannot be deployed in any other works. Violation of this rule will be viewed seriously.
19	The contract labour may be allowed weekly off on any day other than Sunday / declared Holiday also, depending upon exigencies of work / BHEL requirement.
20	The contractor shall provide PPEs at the beginning of the Contractor to all workmen deployed under the contractor including to the labours & drivers of the tractor & tanker deployed and to the labour deployed for Emergency operation.

**GST CLAUSES**

Following points to be complied with :

<b>(A)</b>	<b>Taxes &amp; Duties- GST Clauses</b>
1	Only valid GST registered bidders will be considered for the tender. The GSTIN of the bidder should be clearly mentioned in the offer.
2	If bidder is exempted from GST registration under any provision of the GST Law, a declaration with due supporting documents should be furnished for considering the offer.
3	Bidder to quote the applicable taxes in the following manner: <ul style="list-style-type: none"><li>• Harmonized System of Nomenclature (HSN) of Goods</li><li>• Services Accounting Code (SAC) of Services.</li><li>• IGST/CGST/SGST/UTGST: Rate of Tax to be quoted as extra in % against the space provided.</li></ul>
4	Bidders to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter / Intra state movement of goods/services.
5	In case Bidder has opted for GST Composition Scheme, the same may be stated explicitly both in their technical and price bids. An undertaking to the effect that any change in the status of the bidder will be intimated.
6	Any other taxes & duties not covered anywhere above may be indicated separately.
<b>(B)</b>	<b>Taxes deducted at source:</b>
1	TDS as per the extant statutes shall be deducted.
2	In case bidder does not provide PAN details, higher rate of tax shall be deducted as per the Act.
3	Concessional certificates, if any, should be provided well in time for lower deduction of tax.
<b>(C)</b>	<b>Terms &amp; Conditions to be complied in GST</b>
1	All invoices (incl. Credit Notes, Debit Notes) to contain BHEL HPEP GSTIN ie 36AAACB4146P1ZG. Invoices submitted should be in the format as specified under GST Law. All details as mentioned in Invoice Rules including Dealer GST registration number (GSTIN), invoice number with date of issue, quantity, rate, value, taxes with nomenclature – CGST, SGST, UGST, IGST mentioned separately,
2	Reimbursement of GST amount will be made only upon completion of the following: <ul style="list-style-type: none"><li>• Bidder declaring such invoice in their GSTR-1 Return/ IFF</li><li>• Receipt of Goods or Services and Submission of Tax invoice by BHEL</li><li>• The tax invoice is reflected in the GSTR2B of BHEL, HPEP (buyer). Payment of GST will be made only if it is matching with data uploaded by the Bidder in GST portal.</li></ul>
3	In case of discrepancy in the data uploaded by the bidder in the GSTN portal vis-a-vis the tax invoice or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit. The same would be available in PRADAN Portal for the bidder's information. Bidder has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims for processing of such invoices.
4	In cases where invoice details have been uploaded by the bidder but failed to remit the GST amount to GST Department within stipulated time, then GST on the invoices in default will be recovered from the bidder along with the applicable interest.
5	In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, such GST amount will be recoverable from bidder along with interest levied/leviable on BHEL.



Name of the work: "**Roof sheet repair works and other Miscellaneous works in 04, 05, 06 Shops**".

6	Under GST regime, BHEL has to discharge GST liability on LD recovered from bidders. Hence applicable GST shall also be recoverable from bidders on LD amount. For this Tax Invoice digitally signed will be issued by BHEL indicating the respective supply invoice number. The same can be downloaded from PRADAN Portal.
7	GST TDS deducted as per GST Act, is uploaded in GSTN portal along GSTR7. Bidders can directly download the GST TDS Certificate from the GSTN Portal.
8	Bidders to note that Rules & Regulations pertaining to E-way bill & E-Invoicing system are to be strictly adhered to, as and when notified by Govt. authorities

Tender %	% in FIGURES	Percentage in WORDS
<b>EXCESS</b>		
<b>LESS</b>		
<b>At par with BHEL estimate</b>		

**Important Notes:**

- (1) In case of discrepancy / variation between "% in FIGURES" and "Percentage in WORDS", Service charges quoted in Percentage in WORDS shall be considered for evaluation of Price Bid.
- (2) Bidders are advised to read and understand Clause 2.1.3 of NIT for Penalties.