



**SCHEDULE-A :: BILL OF QUANTITIES**

भारत हेवी इलेक्ट्रिकल्स लिमिटेड | Bharat Heavy Electricals Limited  
एच पी ई पी, रामचंद्रपुरम, हैदराबाद | HPEP, RAMACHANDRAPURAM, HYDERABAD - 502032  
फैक्टरी सिविल विभाग | FACTORY CIVIL DEPARTMENT  
संपर्क दूरभाष सं | Telephone No: 040 – 2318 4180, ई मेल // email: venu@bhel.in

निविदा सूचना सं | TENDER NOTICE No: HY/FCD/OT-19/2022-23, date: 27.01.2023

Name of the work: "Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc." - for a period of 12 months.

SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
<b>Part-A: Support Services for Maintenance of Buildings in Factory area.</b>								(Budget Code: 7620/3330)
<b>Part-A1: Administrative Building in Factory area.</b>								
<b>A1.1</b>	<b><u>Maintenance of Carpentry Works in Admin Building:</u></b> Attending day to day complaints related to carpentry repairs including Fixing of tower bolts, door closures, aldrops, door stoppers, Mortise locks, door hinges, pelmets, glasses to aluminium doors & windows, glasses to wooden windows & MS windows, peg stays, MS window handles, frames for split AC's, Window AC frames, ventilator glasses, white boards, name boards, car number boards, screws to wooden tables and wooden chairs, aluminium door shutters, wooden door shutters, wooden window shutters, aluminium door closures, repairing of tower bolts, door closures, aldrops, door stoppers, Mortise locks, door hinges, pelmets, MS window handles, wooden / aluminium partitions, wooden windows, door shutters, Sintex door shutters, venetian / vertical blinds, wooden cup boards, side racks and other furniture, ventilators, AC frames, repairs to ABC hall furniture, repairs to ED's Secretariat furniture like executive table, conference tables etc., Shifting of furniture like almirah, tables, side racks, filing cabinets, computer, sofa sets, guest cushion chairs and other furniture and Polishing wood finish for all partitions, railings etc., in Administrative Building.							
A1.1.i	Basic Wage	Operations	SW	2	250	500	Rs. 742.60	Rs. 3,71,300.00
A1.1.ii	Leave Wage	Leaves	SW		13	26	Rs. 638.80	Rs. 16,608.80
A1.1.iii	Holiday Wage	Holidays	SW		11	22	Rs. 742.60	Rs. 16,337.20
A1.1.iv	PPEs	PPE Sets	SW		1	2	Rs. 1,800.00	Rs. 3,600.00
<b>A1.2</b>	<b><u>Maintenance of Internal Water Supply in Admin Building:</u></b> Attending day to day complaints related to internal water supply repairs in Administrative Building including Fixing of wash basin, IWC, EWC, bib cocks, stop cocks, pillar cocks, angle cocks etc., urinary pots, waste pipe connection, PVC connection, flush kit, flush tank, laying of GI pipe lines including cutting, threading, fixing etc., nahany traps, ball cocks, valves, mirrors, soap trays, soap water containers, towel rods, Jaquar flush valves, tiles (small areas). Repairing of flush tanks & flush kits, bib cock, angle cock, stop cock, pillar cocks. Arresting leakage of flush tank, PVC connection, waste pipe connection, ball cocks, GI lines, nahany traps, gate valves etc. Repairing of urinary flush valves and pillar cocks by removing and clearing of dust from filter and re-fixing.							
A1.2.i	Basic Wage	Operations	SW	2	250	500	Rs. 742.60	Rs. 3,71,300.00
A1.2.ii	Leave Wage	Leaves	SW		13	26	Rs. 638.80	Rs. 16,608.80
A1.2.iii	Holiday Wage	Holidays	SW		11	22	Rs. 742.60	Rs. 16,337.20
A1.2.iv	PPEs	PPE Sets	SW		1	2	Rs. 1,800.00	Rs. 3,600.00
<b>A1.3</b>	<b><u>Maintenance of Misc. Masonry Works in Admin Building:</u></b> Attending day to day complaints related to masonry repairs in Administrative Building including Repair works like making AC frame pockets, misc. plastering, brick work, PCC, filling road cuttings, filling pot holes, open drain repair, wall cracks repair, seepage repairs in duct room, toilets, chambers repairs, kerb stone repairs, parking areas repair, washing areas repair in canteen. Fixing of fan hooks, fixing of door frames, ventilators etc.							
A1.3.1.i	Basic Wage	Operations	SW	1	250	250	Rs. 742.60	Rs. 1,85,650.00
A1.3.1.ii	Leave Wage	Leaves	SW	1	13	13	Rs. 638.80	Rs. 8,304.40
A1.3.1.iii	Holiday Wage	Holidays	SW	1	11	11	Rs. 742.60	Rs. 8,168.60
A1.3.1.iv	PPEs	PPE Sets	SW	1	1	1	Rs. 1,800.00	Rs. 1,800.00



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Name of the work: “Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc.” - for a period of 12 months.

SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
A1.3.2.i	Basic Wage	Operations	USW	1	239	239	Rs. 657.56	Rs. 1,57,156.84
A1.3.2.ii	Leave Wage	Leaves	USW	1	12	12	Rs. 565.65	Rs. 6,787.80
A1.3.2.iii	Holiday Wage	Holidays	USW	1	11	11	Rs. 657.56	Rs. 7,233.16
A1.3.2.iv	PPEs	PPE Sets	USW	1	1	1	Rs. 1,800.00	Rs. 1,800.00
<b>A1.4</b>	<b>Miscellaneous Painting Works in Admin Building:</b> Painting works like kerb stone painting, MS grills painting, cabins painting, white washing, internal walls painting, corridors painting, toilets painting, doors, windows of wood & steel painting, railings painting etc. and attending any other day to day complaints in respect of masonry and painting works.							
A1.4.1.i	Basic Wage	Operations	SW	1	250	250	Rs. 742.60	Rs. 1,85,650.00
A1.4.1.ii	Leave Wage	Leaves	SW		13	13	Rs. 638.80	Rs. 8,304.40
A1.4.1.iii	Holiday Wage	Holidays	SW		11	11	Rs. 742.60	Rs. 8,168.60
A1.4.1.iv	PPEs	PPE Sets	SW		1	1	Rs. 1,800.00	Rs. 1,800.00
A1.4.2.i	Basic Wage	Operations	SSW	1	250	250	Rs. 700.98	Rs. 1,75,245.00
A1.4.2.ii	Leave Wage	Leaves	SSW		13	13	Rs. 602.99	Rs. 7,838.87
A1.4.2.iii	Holiday Wage	Holidays	SSW		11	11	Rs. 700.98	Rs. 7,710.78
A1.4.2.iv	PPEs	PPE Sets	SSW		1	1	Rs. 1,800.00	Rs. 1,800.00
<b>A1.5</b>	<b>Cleaning Activities in ED Office:</b> Continuous cleaning activities exclusively in ED's Office, including cleaning of furniture, floor mopping, other activities specified by the ED's secretariat time to time.							
A1.5.i	Basic Wage	Operations	USW	1	239	239	Rs. 657.56	Rs. 1,57,156.84
A1.5.ii	Leave Wage	Leaves	USW		12	12	Rs. 565.65	Rs. 6,787.80
A1.5.iii	Holiday Wage	Holidays	USW		11	11	Rs. 657.56	Rs. 7,233.16
A1.5.iv	PPEs	PPE Sets	USW		1	1	Rs. 1,800.00	Rs. 1,800.00
<b>A1.6</b>	<b>Miscellaneous Cleaning Activities:</b> Cleaning of Badge reader, Turnstiles, Terminal services, Fiber Hubs, UPS systems, Personal Computers (CC), 240 DC Powers supplies, Terminals, Cleaning of all CC rooms etc. complete as directed by Engineer-In-Charge.							
A1.6.1.i	Basic Wage	Operations	SSW	1	250	250	Rs. 700.98	Rs. 1,75,245.00
A1.6.1.ii	Leave Wage (it was 13 against 14 in previous)	Leaves	SSW		13	13	Rs. 602.99	Rs. 7,838.87
A1.6.1.iii	Holiday Wage	Holidays	SSW		11	11	Rs. 700.98	Rs. 7,710.78
A1.6.1.iv	PPEs	PPE Sets	SSW		1	1	Rs. 1,800.00	Rs. 1,800.00
A1.6.2.i	Basic Wage	Operations	USW	1	238	238	Rs. 657.56	Rs. 1,56,499.28
A1.6.2.ii	Leave Wage	Leaves	USW		12	12	Rs. 565.65	Rs. 6,787.80
A1.6.2.iii	Holiday Wage	Holidays	USW		11	11	Rs. 657.56	Rs. 7,233.16
A1.6.2.iv	PPEs	PPE Sets	USW		1	1	Rs. 1,800.00	Rs. 1,800.00
<b>A1.7</b>	<b>Miscellaneous Activities in Factory Civil Stores:</b> Assisting in Factory Civil Divisional stores like up keeping materials, issuing of material, drawl of materials from other stores, receipt of materials from collection cells / suppliers, unpacking the materials, arranging the materials in specified areas / racks, distribution of documents pertaining to divisional stores etc.							
A1.7.i	Basic Wage	Operations	SW	1	250	250	Rs. 742.60	Rs. 1,85,650.00
A1.7.ii	Leave Wage	Leaves	SW		13	13	Rs. 638.80	Rs. 8,304.40
A1.7.iii	Holiday Wage	Holidays	SW		11	11	Rs. 742.60	Rs. 8,168.60
A1.7.iv	PPEs	PPE Sets	SW		1	1	Rs. 1,800.00	Rs. 1,800.00
<b>A1.8</b>	<b>Attending to certain auxiliary activities</b> as detailed below, to be carried out by Factory Civil Projects Department: Making site clearance; Creating approach to inaccessible places; Material re-shifted to stores / shops / work sites in organised way; Cutting, bending / drilling, machining; Material movement and arrangement; Unboxing of packages; drawing BHEL store material; Shifting of submersible motors, pumps, monoblock motors from bore wells, pump houses, carrying of GI & CI Pipes, specials of various sizes to various locations in factory premises.							
A1.8.1.i	Basic Wage	Operations	SSW	1	250	250	Rs. 700.98	Rs. 1,75,245.00
A1.8.1.ii	Leave Wage	Leaves	SSW		13	13	Rs. 602.99	Rs. 7,838.87
A1.8.1.iii	Holiday Wage	Holidays	SSW		11	11	Rs. 700.98	Rs. 7,710.78
A1.8.1.iv	PPEs	PPE Sets	SSW		1	1	Rs. 1,800.00	Rs. 1,800.00



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SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
A1.8.2.i	Basic Wage	Operations	USW	1	238	238	Rs. 657.56	Rs. 1,56,499.28
A1.8.2.ii	Leave Wage	Leaves	USW		12	12	Rs. 565.65	Rs. 6,787.80
A1.8.2.iii	Holiday Wage	Holidays	USW		11	11	Rs. 657.56	Rs. 7,233.16
A1.8.2.iv	PPEs	PPE Sets	USW		1	1	Rs. 1,800.00	Rs. 1,800.00
<b>Part-A2: Maintenance of Blocks and Buildings in Factory area.</b>								
<b>A2.1</b>	<b><u>Carpentry / Masonry / Painting works:</u></b> Attending in routine carpentry / masonry /Misc. Painting activities like changing of window, glass panes, partitions, door locks/hinges, door closures, fixing of door frames, cleaning of terraces, doors, glasses of partitions, windows, re-plastering/re-flooring of wall/floor patches etc. which are not susceptible for measurements. The rate quoted shall include cost of labour, tools and tackles, safety equipments as directed. The materials required for above work will be issued by BHEL on free of cost at BHEL stores.							
A2.1.1.i	Basic Wage	Operations	SW	2	250	500	Rs. 742.60	Rs. 3,71,300.00
A2.1.1.ii	Leave Wage	Leaves	SW		13	26	Rs. 638.80	Rs. 16,608.80
A2.1.1.iii	Holiday Wage	Holidays	SW		11	22	Rs. 742.60	Rs. 16,337.20
A2.1.1.iv	PPEs	PPE Sets	SW		1	2	Rs. 1,800.00	Rs. 3,600.00
A2.1.2.i	Basic Wage	Operations	SSW	2	250	500	Rs. 700.98	Rs. 3,50,490.00
A2.1.2.ii	Leave Wage	Leaves	SSW		13	26	Rs. 602.99	Rs. 15,677.74
A2.1.2.iii	Holiday Wage	Holidays	SSW		11	22	Rs. 700.98	Rs. 15,421.56
A2.1.2.iv	PPEs	PPE Sets	SSW		1	2	Rs. 1,800.00	Rs. 3,600.00
<b>A2.2</b>	<b><u>Roof leaking / Rain water leakage complaints:</u></b> Attending roof leakages complaints, rain water pipe leakages at all heights on Annexe buildings, blocks, cleaning of roof, removal of weeds on buildings, blocks, dusting of partitions, cabin & window glasses in Annexe buildings, cleaning of storm water lines in blocks and outside the blocks, road gully chambers, fixing of kerb stones, cleaning of cob webs, repairing of MS door/windows etc., which are not susceptible for measurements.							
A2.2.1.i	Basic Wage	Operations	SW	1	250	250	Rs. 742.60	Rs. 1,85,650.00
A2.2.1.ii	Leave Wage	Leaves	SW		13	13	Rs. 638.80	Rs. 8,304.40
A2.2.1.iii	Holiday Wage	Holidays	SW		11	11	Rs. 742.60	Rs. 8,168.60
A2.2.1.iv	PPEs	PPE Sets	SW		1	1	Rs. 1,800.00	Rs. 1,800.00
A2.2.2.i	Basic Wage	Operations	SSW	1	250	250	Rs. 700.98	Rs. 1,75,245.00
A2.2.2.ii	Leave Wage	Leaves	SSW		13	13	Rs. 602.99	Rs. 7,838.87
A2.2.2.iii	Holiday Wage	Holidays	SSW		11	11	Rs. 700.98	Rs. 7,710.78
A2.2.2.iv	PPEs	PPE Sets	SSW		1	1	Rs. 1,800.00	Rs. 1,800.00
A2.2.3.i	Basic Wage	Operations	USW	2	239	478	Rs. 657.56	Rs. 3,14,313.68
A2.2.3.ii	Leave Wage	Leaves	USW		12	24	Rs. 565.65	Rs. 13,575.60
A2.2.3.iii	Holiday Wage	Holidays	USW		11	22	Rs. 657.56	Rs. 14,466.32
A2.2.3.iv	PPEs	PPE Sets	USW		1	2	Rs. 1,800.00	Rs. 3,600.00
<b>A2.3</b>	<b><u>Drainage Complaints:</u></b> Attending routine drainage complaints and chokages in entire Factory area and Admn. Building area, removing waste from canteen septic tanks and removing the silt and roots from the sewer lines at all depths including repair of the manholes etc., cleaning open drain etc. complete as directed by the Engineer-In-Charge. The rate quoted shall include cost of labour, tools and tackles, cleaning rods, safety equipments as directed.							
A2.3.1.i	Basic Wage	Operations	SW	1	250	250	Rs. 742.60	Rs. 1,85,650.00
A2.3.1.ii	Leave Wage	Leaves	SW		13	13	Rs. 638.80	Rs. 8,304.40
A2.3.1.iii	Holiday Wage	Holidays	SW		11	11	Rs. 742.60	Rs. 8,168.60
A2.3.1.iv	PPEs	PPE Sets	SW		1	1	Rs. 1,800.00	Rs. 1,800.00
A2.3.2.i	Basic Wage	Operations	SSW	2	250	500	Rs. 700.98	Rs. 3,50,490.00
A2.3.2.ii	Leave Wage	Leaves	SSW		13	26	Rs. 602.99	Rs. 15,677.74
A2.3.2.iii	Holiday Wage	Holidays	SSW		11	22	Rs. 700.98	Rs. 15,421.56
A2.3.2.iv	PPEs	PPE Sets	SSW		1	2	Rs. 1,800.00	Rs. 3,600.00



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Name of the work: “Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc.” - for a period of 12 months.

SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
<b>A2.4</b>	<b><u>For Emergency purpose:</u></b> Engaging of unskilled services for removal of surplus earth, levelling the road side berms, collection of heaps of ferrous and non ferrous scrap items, empty oil drums, garbage, removal of stones, wood in Factory area, including cleaning the areas as directed . The rate quoted shall include cost of tools & tackles, safety equipment like shoes, hand gloves etc., complete as directed by the Engineer-In-Charge. <b>(This item is to be operated on obtaining specific Admin. Approval of AGM / Fy. Civil for specific purpose.)</b>							
A2.4.i	Basic Wage	Spl.Opn	USW	1	0	0	Rs. 657.56	Rs. 0.00
A.i	<b>Sub-Total Basic Wage</b>	Operations		25		6182		<b>Rs. 43,85,735.92</b>
A.ii	<b>Sub-Total Leave Wage</b>	Leaves				319		<b>Rs. 1,94,786.16</b>
A.iii	<b>Sub-Total Holiday Wage</b>	Holidays				275		<b>Rs. 1,94,939.80</b>
A.iv	<b>Sub-Total PPEs</b>	PPE Sets				25		<b>Rs. 45,000.00</b>
A.v	<b>Sub-Total Basic Wage - Emergency Operation</b>	Spl.Opn		1		0		<b>Rs. 0.00</b>
<b>Part-A</b>	<b>Total (Budget Code: 7620/3330)</b>						=	<b>Rs. 48,20,461.88</b>
<b>Part-B: Support Services for Maintenance of Railway Lines &amp; Periphery Fencing in Factory area.</b>							<b>(Budget Code: 7610/3330)</b>	
<b>Part-B1: Maintenance of Railway Lines in Factory area.</b>								
<b>B1.1</b>	<b><u>Railway lines Maintenance:</u></b> Removing the existing railway lines / gantry lines carefully and re-laying the new track with all points / crossings etc., as per revised layout, using materials issued by Dept. to proper level & gauge and Maintenance of Railway track and gantry tracks including correcting of alignment defects, keeping rails in required level, maintaining gauge within permissible limits, lubricating the turnouts through packing of sleepers, cleaning the grooves at level crossing and providing clear visibility using at all required tools and plants etc. complete as directed by Engineer-in-charge. The total length of the track to be maintained is 17.40 km and 51 turnouts. (Daily 4.60 km track is to be maintained on an average and minimum of one labour are required per 0.92 km track maintenance of the track) The rate quoted shall include cost of maintenance of track and with all turnouts, tools, tackles and personal protective equipment equipments etc. The agency should supply tools like beats, shovels, railway crowbars, gauge, jack, spirit level etc. to the railway gang man.							
B1.1.1.i	Basic Wage	Operations	SW	3	240	720	Rs. 742.60	Rs. 5,34,672.00
B1.1.1.ii	Leave Wage	Leaves	SW		12	36	Rs. 638.80	Rs. 22,996.80
B1.1.1.iii	Holiday Wage	Holidays	SW		11	33	Rs. 742.60	Rs. 24,505.80
B1.1.1.iv	PPEs	PPE Sets	SW		1	3	Rs. 1,800.00	Rs. 5,400.00
B1.1.2.i	Basic Wage	Operations	SSW	2	240	480	Rs. 700.98	Rs. 3,36,470.40
B1.1.2.ii	Leave Wage	Leaves	SSW		12	24	Rs. 602.99	Rs. 14,471.76
B1.1.2.iii	Holiday Wage	Holidays	SSW		11	22	Rs. 700.98	Rs. 15,421.56
B1.1.2.iv	PPEs	PPE Sets	SSW		1	2	Rs. 1,800.00	Rs. 3,600.00
B1.1.3.i	Basic Wage	Operations	USW	5	239	1195	Rs. 657.56	Rs. 7,85,784.20
B1.1.3.ii	Leave Wage	Leaves	USW		12	60	Rs. 565.65	Rs. 33,939.00
B1.1.3.iii	Holiday Wage	Holidays	USW		11	55	Rs. 657.56	Rs. 36,165.80
B1.1.3.iv	PPEs	PPE Sets	USW		1	5	Rs. 1,800.00	Rs. 9,000.00
<b>Part-B2: Maintenance of Periphery Fencing and other Miscellaneous Works in Factory area.</b>								
<b>B2.1</b>	<b><u>Peripheral Fencing:</u></b> Providing assistance for attending the Misc. works such as repairs to fencings inside and along factory boundary wall of factory and up keeping of 29 building, 51 & 52 stores and 90 building, removal of posters, banners, tying of banners and removal of pamphlets from the entrances of blocks and buildings etc. complete as directed by Engineer-in-charge. The rate quoted shall include cost of tools, tackles and safety equipment etc.							
B2.1.i	Basic Wage	Operations	USW	3	240	720	Rs. 657.56	Rs. 4,73,443.20
B2.1.ii	Leave Wage	Leaves	USW		12	36	Rs. 565.65	Rs. 20,363.40
B2.1.iii	Holiday Wage	Holidays	USW		11	33	Rs. 657.56	Rs. 21,699.48
B2.1.iv	PPEs	PPE Sets	USW		1	3	Rs. 1,800.00	Rs. 5,400.00



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SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
B.i	<b>Sub-Total Basic Wage</b>	Operations		13		3115		<b>Rs. 21,30,369.80</b>
B.ii	<b>Sub-Total Leave Wage</b>	Leaves				156		<b>Rs. 91,770.96</b>
B.iii	<b>Sub-Total Holiday Wage</b>	Holidays				143		<b>Rs. 97,792.64</b>
B.iv	<b>Sub-Total PPEs</b>	PPE Sets				13		<b>Rs. 23,400.00</b>
<b>Part-B</b>	<b>Total (Budget Code: 7610/3330)</b>						=	<b>Rs. 23,43,333.40</b>
<b>Part-C: Support Services for Maintenance of Water Supply in Factory area.</b>								<b>(Budget Code: 7680/3330)</b>
<b>Part-C1: Maintenance of Internal Water Supply in Factory area.</b>								
<b>C1.1</b>	<b>Internal Water Supply:</b> Attending in routine water supply and sanitary complaints like controlling overflow of storage tanks, repair & replacement of ball cocks, taps, pillar cocks, flush tanks, AC/CI pipe joints, giving water connections to wash basins, sinks, repair of sensor based valves, laying / dismantling of GI lines upto 1½" dia, complete including cost of labour, tools and tackles, safety equipments as directed. The materials like GI pipes, ball cocks, stop cocks, taps etc. will be issued by BHEL on free of cost at BHEL stores.							
C1.1.1.i	Basic Wage	Operations	SW	1	260	260	Rs. 742.60	Rs. 1,93,076.00
C1.1.1.ii	Leave Wage	Leaves	SW		14	14	Rs. 638.80	Rs. 8,943.20
C1.1.1.iii	Holiday Wage	Holidays	SW		11	11	Rs. 742.60	Rs. 8,168.60
C1.1.1.iv	PPEs	PPE Sets	SW		1	1	Rs. 1,800.00	Rs. 1,800.00
C1.1.2.i	Basic Wage	Operations	SSW	2	250	500	Rs. 700.98	Rs. 3,50,490.00
C1.1.2.ii	Leave Wage	Leaves	SSW		13	26	Rs. 602.99	Rs. 15,677.74
C1.1.2.iii	Holiday Wage	Holidays	SSW		11	22	Rs. 700.98	Rs. 15,421.56
C1.1.2.iv	PPEs	PPE Sets	SSW		1	2	Rs. 1,800.00	Rs. 3,600.00
<b>C1.2</b>	<b>Plumbing repairs:</b> Attending routine plumbing complaints which are not susceptible for measurements for attending the complaints on Manjeera water supply lines which are laid and commissioned recently throughout the factory blocks, Annexes / Stores etc., in Factory area for supply of drinking water for 24 hours continuously and also for cleaning of water storage tanks upto 2000 litres capacity etc., in the all Factory blocks.							
C1.2.1.i	Basic Wage	Operations	SSW	1	250	250	Rs. 700.98	Rs. 1,75,245.00
C1.2.1.ii	Leave Wage	Leaves	SSW		13	13	Rs. 602.99	Rs. 7,838.87
C1.2.1.iii	Holiday Wage	Holidays	SSW		11	11	Rs. 700.98	Rs. 7,710.78
C1.2.1.iv	PPEs	PPE Sets	SSW		1	1	Rs. 1,800.00	Rs. 1,800.00
C1.2.2.i	Basic Wage	Operations	USW	1	239	239	Rs. 657.56	Rs. 1,57,156.84
C1.2.2.ii	Leave Wage	Leaves	USW		12	12	Rs. 565.65	Rs. 6,787.80
C1.2.2.iii	Holiday Wage	Holidays	USW		11	11	Rs. 657.56	Rs. 7,233.16
C1.2.2.iv	PPEs	PPE Sets	USW		1	1	Rs. 1,800.00	Rs. 1,800.00
<b>C1.3</b>	<b>Sewer lines maintenance:</b> Assisting in operation / maintenance of sewer lines by engaging manpower for monitoring the man holes cleaning / sewer lines cleaning works, Including removing the chamber covers with the help of USW for exhaust of poisonous gases from the manholes / sewer line before entering into man holes for cleaning of chambers and also to take care of any gases in the man hole with the help of required apparatus and all as directed by Engineer-In-Charge.							
C1.3.i	Basic Wage	Operations	SSW	1	250	250	Rs. 700.98	Rs. 1,75,245.00
C1.3.ii	Leave Wage	Leaves	SSW		13	13	Rs. 602.99	Rs. 7,838.87
C1.3.iii	Holiday Wage	Holidays	SSW		11	11	Rs. 700.98	Rs. 7,710.78
C1.3.iv	PPEs	PPE Sets	SSW		1	1	Rs. 1,800.00	Rs. 1,800.00



**SCHEDULE-A :: BILL OF QUANTITIES**

Name of the work: “Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc.” - for a period of 12 months.

SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
<b>Part-C2: Maintenance of External Water Supply in Factory area.</b>								
<b>C2.1</b>	<b>External Water Supply:</b> Providing assistance to Water supply operators for maintenance of water supply lines of all sizes ranging from 40 mm to 300 mm dia. at all heights of the blocks and buildings, below or above the ground level as desired by Dept., The scope of work includes repair of valves, replacing gland ropes, cleaning of valve chambers, laying of new lines, caulking the lead joints, dewatering of valve chambers, shifting of pipes and valves etc., from stores to work spot and vice versa wherever necessary etc. complete. <b>All required materials will be issued by BHEL on free of cost at BHEL stores.</b> The rate quoted shall include cost of labour, tools and tackles, safety equipments as directed. The services of the personnel if required should attend the works round the clock.							
C2.1.1.i	Basic Wage	Operations	SW	1	260	260	Rs. 742.60	Rs. 1,93,076.00
C2.1.1.ii	Leave Wage	Leaves	SW		14	14	Rs. 638.80	Rs. 8,943.20
C2.1.1.iii	Holiday Wage	Holidays	SW		11	11	Rs. 742.60	Rs. 8,168.60
C2.1.1.iv	PPEs	PPE Sets	SW		1	1	Rs. 1,800.00	Rs. 1,800.00
C2.1.2.i	Basic Wage	Operations	SSW	2	250	500	Rs. 700.98	Rs. 3,50,490.00
C2.1.2.ii	Leave Wage	Leaves	SSW		13	26	Rs. 602.99	Rs. 15,677.74
C2.1.2.iii	Holiday Wage	Holidays	SSW		11	22	Rs. 700.98	Rs. 15,421.56
C2.1.2.iv	PPEs	PPE Sets	SSW		1	2	Rs. 1,800.00	Rs. 3,600.00
C2.1.3.i	Basic Wage	Operations	USW	2	239	478	Rs. 657.56	Rs. 3,14,313.68
C2.1.3.ii	Leave Wage	Leaves	USW		12	24	Rs. 565.65	Rs. 13,575.60
C2.1.3.iii	Holiday Wage	Holidays	USW		11	22	Rs. 657.56	Rs. 14,466.32
C2.1.3.iv	PPEs	PPE Sets	USW		1	2	Rs. 1,800.00	Rs. 3,600.00
<b>C2.2</b>	<b>LIG Pump House:</b> Providing assistance in operation of LIG pump house by attending operation of pumps and bore wells, maintenance of open area of about 50000 Sq.m surrounding the LIG pump house and maintenance of new planted fruit plants etc. complete all as directed by Engineer-In-Charge. The rate quoted shall include cost of tools, tackles and safety equipment.							
C2.2.i	Basic Wage	Operations	USW	3	239	717	Rs. 657.56	Rs. 4,71,470.52
C2.2.ii	Leave Wage	Leaves	USW		12	36	Rs. 565.65	Rs. 20,363.40
C2.2.iii	Holiday Wage	Holidays	USW		11	33	Rs. 657.56	Rs. 21,699.48
C2.2.iv	PPEs	PPE Sets	USW		1	3	Rs. 1,800.00	Rs. 5,400.00
<b>C2.3</b>	<b>Water Storing Reservoirs:</b> Maintenance of water storage reservoirs, adjacent areas by sweeping the area, cleaning the floors/removing the weeds, grass cutting and disposal of the debris/garbage at the nearest bins on the daily basis. 1 unskilled services are required for carrying out the above job per day for one operation. Checking the electrical switch boards, panels, replacement of spares, laying and joining cables, repairing of motors at site and routine checkup of power points at all bore wells, Main water works, Bore well water works at LIG and 09 Block reservoir and any other allied electrical works in connection with water supply etc. complete all as directed by Engineer-In-Charge. The electrician shall have necessary tools for checking and repairing at all heights. All required materials will be issued by BHEL on free of cost at BHEL stores. The rate quoted shall include cost of labour, tools and tackles, safety equipments as directed.							
C2.3.1.i	Basic Wage	Operations	SW	1	260	260	Rs. 742.60	Rs. 1,93,076.00
C2.3.1.ii	Leave Wage	Leaves	SW		14	14	Rs. 638.80	Rs. 8,943.20
C2.3.1.iii	Holiday Wage	Holidays	SW		11	11	Rs. 742.60	Rs. 8,168.60
C2.3.1.iv	PPEs	PPE Sets	SW		1	1	Rs. 1,800.00	Rs. 1,800.00
C2.3.2.i	Basic Wage	Operations	SSW	1	250	250	Rs. 700.98	Rs. 1,75,245.00
C2.3.2.ii	Leave Wage	Leaves	SSW		13	13	Rs. 602.99	Rs. 7,838.87
C2.3.2.iii	Holiday Wage	Holidays	SSW		11	11	Rs. 700.98	Rs. 7,710.78
C2.3.2.iv	PPEs	PPE Sets	SSW		1	1	Rs. 1,800.00	Rs. 1,800.00
C2.3.3.i	Basic Wage	Operations	USW	1	239	239	Rs. 657.56	Rs. 1,57,156.84
C2.3.3.ii	Leave Wage	Leaves	USW		12	12	Rs. 565.65	Rs. 6,787.80
C2.3.3.iii	Holiday Wage	Holidays	USW		11	11	Rs. 657.56	Rs. 7,233.16
C2.3.3.iv	PPEs	PPE Sets	USW		1	1	Rs. 1,800.00	Rs. 1,800.00



**SCHEDULE-A :: BILL OF QUANTITIES**

Name of the work: "Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc." - for a period of 12 months.

SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
C.i	<b>Sub-Total Basic Wage</b>	Operations		17		4203		<b>Rs. 29,06,040.88</b>
C.ii	<b>Sub-Total Leave Wage</b>	Leaves				217		<b>Rs. 1,29,216.29</b>
C.iii	<b>Sub-Total Holiday Wage</b>	Holidays				187		<b>Rs. 1,29,113.38</b>
C.iv	<b>Sub-Total PPEs</b>	PPE Sets				17		<b>Rs. 30,600.00</b>
<b>Part-C</b>	<b>Total (Budget Code: 7680/3330)</b>						=	<b>Rs. 31,94,970.55</b>
<b>Part-D: Maintenance of Horticulture Works in Factory area.</b>								<b>(Budget Code: 8200/3330)</b>
<b>Part-D1: Support Services for Maintenance of Horticulture Works in Factory area.</b>								
<b>D1.1</b>	<b><u>Lawns, Hedges and Borders:</u></b> Maintenance including watering of lawns, hedges and borders through sprinkler system wherever sprinkler system available including cleaning of spray heads wherever required, watering through hose pipes wherever sprinkler system is not available, cutting of hedges and borders, mowing of lawns by power lawn mower including power connection to the nearest power point, sweeping and disposal of cut grass, weeding of lawns, hedges and borders, application of manures, fertilizers, insecticides, as and when required and as directed by Engineer-In-Charge. Also it includes repair and replanting.							
D1.1.i	Basic Wage	Operations	USW	22	209	4598	Rs. 657.56	Rs. 30,23,460.88
D1.1.ii	Leave Wage	Leaves	USW		11	242	Rs. 565.65	Rs. 1,36,887.30
D1.1.iii	Holiday Wage	Holidays	USW		11	242	Rs. 657.56	Rs. 1,59,129.52
D1.1.iv	PPEs	PPE Sets	USW		1	22	Rs. 1,800.00	Rs. 39,600.00
<b>D1.2</b>	<b><u>Flower beds &amp; rock gardens and plant boxes:</u></b> Maintenance including preparation of flower beds by digging of 30 cm deep, application of fertilizers and manures, refilling and leveling etc., marking, seed sowing (or) planting including gap filling, application of manures and fertilizers and spraying of pesticides and insecticides, weeding and mulching, removal of dead flowers, watering the beds and also includes repair and replanting etc. complete as directed by Engineer-In-Charge.							
D1.2.i	Basic Wage	Operations	USW	3	209	627	Rs. 657.56	Rs. 4,12,290.12
D1.2.ii	Leave Wage	Leaves	USW		11	33	Rs. 565.65	Rs. 18,666.45
D1.2.iii	Holiday Wage	Holidays	USW		11	33	Rs. 657.56	Rs. 21,699.48
D1.2.iv	PPEs	PPE Sets	USW		1	3	Rs. 1,800.00	Rs. 5,400.00
<b>D1.3</b>	<b><u>Trees &amp; Shrubs:</u></b> Maintenance including watering, mulching and weeding the top soil, application of manures, fertilizers, pesticides and insecticides, pruning and trimming of trees, gap filling as and when required. It also includes propagation of trees and shrubs at nursery etc. complete as directed by Engineer-In-Charge.							
D1.3.i	Basic Wage	Operations	USW	3	209	627	Rs. 657.56	Rs. 4,12,290.12
D1.3.ii	Leave Wage	Leaves	USW		11	33	Rs. 565.65	Rs. 18,666.45
D1.3.iii	Holiday Wage	Holidays	USW		11	33	Rs. 657.56	Rs. 21,699.48
D1.3.iv	PPEs	PPE Sets	USW		1	3	Rs. 1,800.00	Rs. 5,400.00
<b>D1.4</b>	<b><u>Potted Plants:</u></b> Maintenance including watering once daily, mulching and weeding the soil including top dressing, turning the pots, application of manures, fertilizers, pesticides and insecticides, pruning and shaping, repotting including removing from pot, trimming the roots, filling the new soil, planting etc., colouring the pots including mixing the colour and applying, repotting the broken pots, as and when required. Placing of decorative pots in buildings including shifting the pots on rotations. This also includes arrangement of pots on important occasions, mixing of potting soils, propagation of plant material in nursery as and when required as directed by Engineer-In-Charge.							
D1.4.1.i	Basic Wage	Operations	SSW	2	250	500	Rs. 700.98	Rs. 3,50,490.00
D1.4.1.ii	Leave Wage	Leaves	SSW		13	26	Rs. 602.99	Rs. 15,677.74
D1.4.1.iii	Holiday Wage	Holidays	SSW		11	22	Rs. 700.98	Rs. 15,421.56
D1.4.1.iv	PPEs	PPE Sets	SSW		1	2	Rs. 1,800.00	Rs. 3,600.00
D1.4.2.i	Basic Wage	Operations	USW	2	209	418	Rs. 657.56	Rs. 2,74,860.08
D1.4.2.ii	Leave Wage	Leaves	USW		11	22	Rs. 565.65	Rs. 12,444.30
D1.4.2.iii	Holiday Wage	Holidays	USW		11	22	Rs. 657.56	Rs. 14,466.32
D1.4.2.iv	PPEs	PPE Sets	USW		1	2	Rs. 1,800.00	Rs. 3,600.00



**SCHEDULE-A :: BILL OF QUANTITIES**

Name of the work: “Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc.” - for a period of 12 months.

SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
<b>Part-D2: Support Services for Maintenance of Horticulture Works - Machinery</b>								
<b>D2.1</b>	<b><u>Supply of Tractor:</u></b> Supply of Tractor with trailer, driver along with 4 Nos Unskilled workers for watering the plants where irrigation facility is not available, removal of garden garbage cut branches, transportation of red earth/manure etc., within factory and Admn building area upto a distance of 3 km as directed by the Engineer in charge. Tractor should work 8hors a day each operation. Tractor model should be of year 2000 or after. Tractor trailer should have hydraulic lift facility etc. complete as directed by Engineer-In-Charge. Payment will be done for the item only when tractor, trailer, driver and supporting 4 USW (excluding driver) are present in totality.							
D2.1.i	Basic Wage	Operations	USW	4	226	904	Rs. 657.56	Rs. 5,94,434.24
D2.1.ii	Leave Wage	Leaves	USW		11	44	Rs. 565.65	Rs. 24,888.60
D2.1.iii	Holiday Wage	Holidays	USW		11	44	Rs. 657.56	Rs. 28,932.64
D2.1.iv	PPEs	PPE Sets	USW		1	4	Rs. 1,800.00	Rs. 7,200.00
D2.1.v	Tractor with trailer	Tractor Days		1	226	226	Rs. 1,385.10	Rs. 3,13,032.60
<b>D2.2</b>	<b><u>Cleaning of Fountains:</u></b> Cleaning of fountains by engaging 4 Nos of USW for each operation in Factory area by using bleaching powder and required tools, Brushes, filling of water etc., complete all as directed by Engineer-In-Charge. All required materials should be supplied by agency. Cleaning operations to be done in every 15 days.							
D2.2.i	Basic Wage	Spl.Opn	USW	4	20	80	Rs. 657.56	Rs. 52,604.80
<b>D2.3</b>	<b><u>Water Tanker:</u></b> Providing 5000 litres water tanker with driver whenever required inside the Factory area with tractor. The cost includes keeping the water tanker at least 8 hours at single point to fulfill the requirement and also if required in a day with the same tractor 2 or 3 trips are more to be provided. The required water will be given by BHEL main water works. The Payment will be made for each trip of water supply with tractor, trailer and driver.							
D2.3.i	Tanker including all as above	Tanker Days		1	44	44	Rs. 1,738.00	Rs. 76,472.00
D.i	<b>Sub-Total Basic Wage</b>	Operations		36		7674		<b>Rs. 50,67,825.44</b>
D.ii	<b>Sub-Total Leave Wage</b>	Leaves				400		<b>Rs. 2,27,230.84</b>
D.iii	<b>Sub-Total Holiday Wage</b>	Holidays				396		<b>Rs. 2,61,349.00</b>
D.iv	<b>Sub-Total PPEs</b>	PPE Sets				36		<b>Rs. 64,800.00</b>
D.i	<b>Sub-Total Basic Wage - Emergency Operation</b>	Spl.Opn		4		80		<b>Rs. 52,604.80</b>
D.v	<b>Sub-Total Tractor Days</b>	Tractor Days		1		226		<b>Rs. 3,13,032.60</b>
D.vi	<b>Sub-Total Tanker Days</b>	Tanker Days		1		44		<b>Rs. 76,472.00</b>
<b>Part-D</b>	<b>Total (Budget Code: 8200/3330)</b>						=	<b>Rs. 60,63,314.68</b>



**SCHEDULE-A :: BILL OF QUANTITIES**

Name of the work: "Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc." - for a period of 12 months.

SNo.	Description of the item	Unit	Skill	No. of skill Operations per day	No. of Operations for each skill for 12 months	Total Quantity	Unit Rate excluding GST	Amount excluding GST
<b>SUMMARY</b>								
PART-I	Part-A - Wages	Operations	SW	11		2750	Rs. 742.60	Rs. 20,42,150.00
			SSW	8		2000	Rs. 700.98	Rs. 14,01,960.00
			USW	6		1432	Rs. 657.56	Rs. 9,41,625.92
			<b>Total</b>	<b>25</b>		<b>6182</b>		<b>Rs. 43,85,735.92</b>
	Part-B - Wages		SW	3		720	Rs. 742.60	Rs. 5,34,672.00
			SSW	2		480	Rs. 700.98	Rs. 3,36,470.40
			USW	8		1915	Rs. 657.56	Rs. 12,59,227.40
			<b>Total</b>	<b>13</b>		<b>3115</b>		<b>Rs. 21,30,369.80</b>
	Part-C - Wages		SW	3		780	Rs. 742.60	Rs. 5,79,228.00
			SSW	7		1750	Rs. 700.98	Rs. 12,26,715.00
			USW	7		1673	Rs. 657.56	Rs. 11,00,097.88
			<b>Total</b>	<b>17</b>		<b>4203</b>		<b>Rs. 29,06,040.88</b>
	Part-D - Wages		SW				Rs. 742.60	
			SSW	2		500	Rs. 700.98	Rs. 3,50,490.00
			USW	34		7174	Rs. 657.56	Rs. 47,17,335.44
			<b>Total</b>	<b>36</b>		<b>7674</b>		<b>Rs. 50,67,825.44</b>
Total Basic Wages	SW	17		4250	Rs. 742.60	Rs. 31,56,050.00		
	SSW	19		4730	Rs. 700.98	Rs. 33,15,635.40		
	USW	55		12194	Rs. 657.56	Rs. 80,18,286.64		
	<b>Total</b>	<b>91</b>		<b>21174</b>		<b>Rs. 1,44,89,972.04</b>		
PART-II Total Leave Wages	Leaves	SW	17		221	Rs. 638.80	Rs. 1,41,174.80	
		SSW	19		245	Rs. 602.99	Rs. 1,47,732.55	
		USW	55		626	Rs. 565.65	Rs. 3,54,096.90	
		<b>Total</b>	<b>91</b>		<b>1092</b>		<b>Rs. 6,43,004.25</b>	
PART-III Total Holiday Wages	Holidays	SW	17		187	Rs. 742.60	Rs. 1,38,866.20	
		SSW	19		209	Rs. 700.98	Rs. 1,46,504.82	
		USW	55		605	Rs. 657.56	Rs. 3,97,823.80	
		<b>Total</b>	<b>91</b>		<b>1001</b>		<b>Rs. 6,83,194.82</b>	
PART-IV Total Special / Emergency Operations	Spl.Opn	USW	5		80	Rs. 657.56	Rs. 52,604.80	
PART-V Total Tractor Days	Tractor Days		1		226	Rs. 1,385.10	Rs. 3,13,032.60	
PART-VI Total Tanker Days	Tanker Days		1		44	Rs. 1,738.00	Rs. 76,472.00	
PART-VII Total PPEs	PPE Sets	SW	17		17	Rs. 1,800.00	Rs. 30,600.00	
		SSW	19		19	Rs. 1,800.00	Rs. 34,200.00	
		USW	55		55	Rs. 1,800.00	Rs. 99,000.00	
		<b>Total</b>	<b>91</b>		<b>91</b>		<b>Rs. 1,63,800.00</b>	
<b>GRAND TOTAL, excluding GST</b>							<b>=</b>	<b>Rs. 1,64,22,081</b>

**Legend:** SW: SKILLED WORKER  
SSW: SEMISKILLED WORKER  
USW: UNSKILLED WORKER



Name of the work: “Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc.” - for a period of 12 months.

**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 NIL.</b> (ii) The Security Deposit shall be released after satisfactory completion of the work including Maintenance & Defect Liability Period and after getting I.R clearance and payment of final bill.
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 delivery 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 be imposed.</b>
4.5	<b>DEPLOYMENT OF SITE SUPERVISOR:</b> The Contractor shall engage at least ONE Site Supervisor from the date of commencement of work till completion of the work or as directed by the Engineer-In-Charge to ensure SAFETY, ATTENDANCE, WORK DISTRIBUTION etc., of the personnel deployed under the Contract including SUPERVISION of the work. In case of absence of Supervisor for more than 10 working days, the Contractor shall make necessary arrangements with a substitute. No separate payment shall be made by BHEL to the Contractor on account of deployment of Site Supervisor(s).  If the Contractor fails to deploy the Supervisor for <b>more than TEN (10) working days</b> in a calendar month other than authorised absence / leaves / holidays, <b>a penalty equal to 50% of the Wage of a Semiskilled Worker for each non-deployed working day beyond the above period subject to a maximum of 10% of the respective calendar month's gross bill</b> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable.
4.6	<b>DISBURSEMENT OF PPEs:</b> The Contractor shall provide and issue all PPEs including Uniforms to all his employees deployed under the contract at the beginning of the Contract. If the Contractor fails to issue PPEs, especially <b>Uniforms, Safety Helmet, Shoes within TWO (02) months from the date of commencement of work or date of joining in case of new employee</b> , <b>a penalty of 0.5% of the Unit rate of PPE per person per week delay or part thereof subject to a maximum of 1% of the Contract value</b> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable.
4.7	<b>SUBMISSION OF DOCUMENTS FOR IR CLEARANCE:</b> The Wage period for the workmen of the Contractor engaged shall be Calendar Month and the contractor shall be responsible for making payment of wages within 7 days of the closure of the wage month (i.e., on 7th day of the calendar month following the wage month) irrespective of delay in payment of Bill(s) by BHEL to the contractor, for whatsoever reason. For timely processing of bills, the Contractor has to submit all necessary documents required for IR Clearance within SIX (06) weeks after the closure of the respective wage month. If the Contractor fails to submit the documents for IR clearance within <b>SIX (06) weeks after the closure of the respective wage month</b> for whatsoever reason, <b>a penalty of 0.5% of the value of respective wage month's gross bill per week delay or part thereof subject to a maximum 10% of the value of respective wage month's gross bill</b> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable

**Name of the work: “Annual Maintenance contract for Support services for maintenance of Administrative group of buildings, Maintenance of Blocks and Buildings in Factory area, Maintenance of Railway lines, Maintenance of periphery fencing, Maintenance of Internal & External water supply, Maintenance of Horticulture etc.” - for a period of 12 months.**

4.8	<p><b>TIMELY SUPPLY OF TOOLS &amp; MATERIAL:</b></p> <p>All tools and materials listed in SUPPLY OF TOOLS &amp; MATERIALS of the contract shall be provided by the Contractor to the workers engaged under the contract within TWO (02) weeks from the date of commencement of contract and shall be made available on day-to-day basis till completion of contract. No separate payment shall be made by BHEL to the Contractor on account of supply of tools and materials.</p> <p>If the Contractor fails to supply tools and materials within <b>TWO (02) weeks</b> from the date of commencement of contract [and / or] if the Contractor fails to replace the defective tools / non-working tools / worn out spares within TWO (02) weeks from the date of non-functioning of tool/tools [and / or] if the Contractor fails to issue periodical consumables like trowels, soaps, oils etc., within TWO (02) weeks from the 1st day of calendar month, <b>a gross penalty of Rs. 500/- per week delay or part thereof subject to a maximum 1% of the Contract value</b> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable.</p>
5	<p><b>SPECIAL NOTES:</b></p> <p><b>(1) Quantities mentioned in the SCHEDULE-A are tentative &amp; indicative only. Quantities finalised by BHEL during course of execution shall be as per actual site requirement and shall be final.</b></p> <p><b>(2) The first bill shall be paid to the Contractor only after disbursement all the required PPE's to the work force by the Contractor and submits the relevant documents to BHEL for verification.</b></p>
6	<p><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.</p>
7	<p>The tender % age quoted by the contractor shall be inclusive of all taxes <b>excluding GST, as applicable from time to time.</b></p>
8	<p>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.</p>
9	<p>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.</p>
10	<p>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.</p>
11	<p>The agency has to bring police clearance certificate for the work force.</p>
12	<p>All the terms and conditions of the contact with respect to taxes &amp; 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).</p>
13	<p>Payment shall be made stage wise on approval from Engineer-In-Charge</p>
14	<p>Vendor shall raise GST invoice on BHEL Hyd GSTIN.</p>
15	<p>If BHEL is unable to avail the input tax credit, the same amount shall be recovered from the vendor bills.</p>
16	<p>Quantities mentioned in the Schedule-A above are tentative &amp; indicative only. Quantities finalised by BHEL during course of execution shall be as per actual site requirement and shall be final.</p>
17	<p>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-Charge.</p>
18	<p>The labour engaged under this contract cannot be deployed in any other works. Violation of this rule will be viewed seriously.</p>
19	<p>The contract labour may be allowed weekly off on any day other than Sunday / declared Holiday also, depending upon exigencies of work / BHEL requirement.</p>
20	<p>The contractor shall provide PPEs at the beginning of the Contractor to all workmen deployed under the contractor including to the labours &amp; drivers of the tractor &amp; tanker deployed and to the labour deployed for Emergency operation.</p>
21	<p>The Contractor shall engage the tractor &amp; trailer with valid RTO Certificates along with driver and 4 USW as directed by the Engineer-In-Charge for the number of operations as per SCHEDULE-A. If the Contractor fails to engage the tractor with driver and 4 USW as directed by the Engineer-In-Charge, <b>an amount of Rs. 3,750/- per day shall be imposed as penalty and recovered from the bills, along with applicable GST.</b></p>
22	<p>The Contractor shall engage the tractor with 5000 litres water tanker with valid RTO Clearance Certificates as directed by the Engineer-In-Charge for the number of operations as per SCHEDULE-A. If the Contractor fails to engage the tractor with water tanker as directed by the Engineer-In-Charge, <b>an amount of Rs. 2,000/- per day shall be imposed as penalty and recovered from the bills, along with applicable GST.</b></p>



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23	Contractor has to quote <b>only one common positive percentage % upto two decimals [eg: 1.32% etc.,]</b> as service charges in Price Bid format towards all related expenditures including wages, leaves, holidays, tractors, tankers, driver, materials, consumables, tools, other equipment required to perform assigned task, Supervision, financial charges etc., for PART-I, PART-II, PART-III, PART-IV, PART-V, PART-VI.  <b>Amounts mentioned in PART-I, PART-II, PART-III, PART-IV are statutory in nature. Quoting less on these items tantamount to statutory violation.</b>
24	Unit Rates for PPEs i.e., PART-VII shall be firm. Other than Unit Rates mentioned in the Price Bid, no other / additional service charges shall be payable to the Contractor. <b>Bids requesting / quoting additional charges for PPEs shall be liable for rejection.</b>
25	BONUS is NOT included in the Unit Rates / Estimate. BONUS PAYMENT shall be as per Clause 9.3 of NIT.
<b><u>GST CLAUSES</u></b>	
Following points to be complied with :	
(A)	Taxes & Duties- GST Clauses
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: • Harmonized System of Nomenclature (HSN) of Goods • Services Accounting Code (SAC) of Services. • IGST/CGST/SGST/UTGST: Rate of Tax to be quoted as extra in % against the space provided.
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)	Taxes deducted at source:
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.
(C)	Terms & Conditions to be complied in GST
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, HSN Code / SAC Code etc.
2	Reimbursement of GST amount will be made only upon completion of the following: • Bidder declaring such invoice in their GSTR-1 Return/ IFF • Receipt of Goods or Services and Submission of Tax invoice by BHEL • 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.
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.
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



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**SERVICE CHARGES FOR PART-I, PART-II, PART-III, PART-IV, PART-V, PART-VI**

Tender %	% in FIGURES	Percentage in WORDS
EXCESS		
At par with BHEL estimate		

**Important Notes:**

(1) Tenderer has to quote only one common positive percentage % upto two decimals [eg: 1.32% etc..] as service charges towards all related expenditures including wages, leaves, holidays, tractors, tankers, driver, materials, consumables, tools, other equipment required to perform assigned task, Supervision, financial charges etc., for PART-I, PART-II, PART-III, PART-IV, PART-V, PART-VI only.

Amounts mentioned in PART-I, PART-II, PART-III, PART-IV are statutory in nature. **Quoting less on these items tantamount to statutory violation.**

(2) Unit Rates for PPEs i.e., PART-VII are firm. No Service charges applicable for PART-VII. Bids requesting / quoting additional charges for PPEs shall be liable for rejection.

(3) 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.

(4) Bidders are advised to read and understand Clause 2.1.3 of NIT for Penalties.