



**BHARAT HEAVY ELECTRICALS LIMITED**  
RAMACHANDRAPURAM, HYDERABAD-502032  
(FACTORY CIVIL DEPARTMENT)

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
<b>PART-A: MACHINE FOUNDATIONS, MASONRY AND OTHER CONCRETE WORKS</b>					
<b>PART-A.1: DISMANTLING, EARTHWORK etc.</b>					
1	<b>Dismantling of M15, M20 or M25 grade concrete including cutting of reinforcement steel bars</b> and removal by mechanical means, if required and disposing the debris up to a lead of 2 km within the Factory Area as directed by Engineer-In-Charge. The cost includes the hire charges of all machinery / equipment, labour charges, cutting of steel, conveyance all complete.	Cu. m	110.00	Rs. 3,405.23	Rs. 3,74,575.30
2	<b>Extra for cutting of reinforcement bars manually / mechanical means</b> in RCC work or RB work (payment shall be made on the cross sectional area of RCC or RB work) as per directions of Engineer-In-Charge for pockets and laying cable lines.	Sq. m	70.00	Rs. 363.25	Rs. 25,427.50
3	<b>Demolishing Brick Masonry</b> manually / by mechanical means including stacking of serviceable material and disposing off unserviceable materials up to a lead of 2.00 km as per directions of Engineer-In-Charge. <b>- Brick Masonry in Cement Mortar</b>	Cu. m	75.00	Rs. 716.95	Rs. 53,771.25
4	<b>Dismantling / demolishing Stone Rubble Masonry</b> manually / by means including stacking of serviceable material and disposing of unserviceable materials up to a lead of 2.00 km as per directions of Engineer-In-Charge. <b>- Stone Masonry in Cement Mortar</b>	Cu. m	6.00	Rs. 839.23	Rs. 5,035.38
5	<b>Dismantling doors, windows and clerestory windows</b> (steel & wood) shutters including door frames / chowkhats, architrave, holdfasts etc., complete and stacking within 50 m lead.	Sq. m	10.00	Rs. 156.23	Rs. 1,562.30
6	<b>Earth work in excavation by mechanical means</b> (Hydraulic Excavators) / manual means in foundations trenches or drains ( <b>not exceeding 1.5 m in width</b> and 10 Sq. m in plan) including dressing of sides and ramming of bottom, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed by Engineer-In-Charge, within a lead of 50 m.				
6.a	- up to a depth of 1.50 m	Cu. m	200.00	Rs. 146.12	Rs. 29,224.00
6.b	- up to first additional depth of 1.50 m to 3.00 m.	Cu. m	15.00	Rs. 184.78	Rs. 2,771.70
6.c	- up to second additional depth of 3.01 m to 4.00 m.	Cu. m	5.00	Rs. 223.44	Rs. 1,117.20
7	<b>Earth work in excavation by mechanical means</b> (Hydraulic Excavators) / manual means over areas ( <b>exceeding 30 cm in depth, 1.5 m in width</b> as well as 10 Sqm in plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed for Hard Rock (Blasting prohibited).	Cu. m	3.00	Rs. 547.52	Rs. 1,642.56
8	<b>Filling available excavated earth (excluding rock)</b> in trenches, plinth, sides of foundations etc., in layers not exceeding 20 cm in depth, consolidation of each deposited layer by ramming and watering, lead up to 50 m lift up to 1.5 m .	Cu. m	30.00	Rs. 93.61	Rs. 2,808.30
9	<b>Conveyance of excavated soil up to a lead of 2 km</b> , including loading, unloading and spreading etc., complete as directed by Engineer-In-Charge.	Cu. m	250.00	Rs. 104.94	Rs. 26,235.00



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/FCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
<b>PART-A.2: CONCRETING, REINFORCEMENT, EMBEDMENTS etc.</b>					
10	<b>Providing and laying in position Plain Cement Concrete - <u>PCC 1 : 4 : 8</u></b> (1 cement : 4 coarse sand : 8 graded stone aggregate of 20 / 40 mm nominal size) excluding the cost of centring and shuttering including consolidation by vibrations - for all works up to Plinth Level. <b>Aggregate shall be conforming to IS 383.</b> <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Cu. m	100.00	Rs. 2,803.72	Rs. 2,80,372.00
11	<b>Providing and laying in position Plain Cement Concrete - <u>PCC 1 : 2 : 4</u></b> (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) excluding the cost of centring and shuttering, including consolidation by vibrations - <b>Aggregate shall be conforming to IS 383.</b> <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>				
11.a	for all works <b>up to Plinth Level</b>	Cu. m	40.00	Rs. 2,841.55	Rs. 1,13,662.00
11.b	for all works <b>above Plinth Level up to and including Floor Five level</b>	Cu. m	5.00	Rs. 3,688.78	Rs. 18,443.90
12	<b>Providing and laying in position Reinforced Cement Concrete - <u>RCC 1 : 2 : 4</u></b> (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) excluding the cost of centring and shuttering, including consolidation by vibrations - <b>Aggregate shall be conforming to IS 383.</b> <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>				
12.a	for all works <b>up to Plinth Level</b>	Cu. m	1.00	Rs. 3,061.99	Rs. 3,061.99
12.b	for all works <b>above Plinth Level up to and including Floor Five level</b>	Cu. m	10.00	Rs. 3,769.70	Rs. 37,697.00
13	<b>Providing and laying in position Plain Cement Concrete / <u>Reinforced Cement Concrete 1 : 1½ : 3</u></b> (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size) excluding the cost of centring and shuttering, including consolidation by vibrations . <b>Aggregate shall be conforming to IS 383.</b> <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>				
13.a	for all works <b>up to Plinth Level</b>	Cu. m	35.00	Rs. 2,967.28	Rs. 1,03,854.80
13.b	for all works <b>above Plinth Level up to and including Floor Five level</b>	Cu. m	10.00	Rs. 3,683.40	Rs. 36,834.00
14	<b>Providing and laying in position Ready Mix Concrete [also called RMC] for Plain / Reinforced Cement Concrete work [PCC / RCC],</b> using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer <b>for all leads,</b> having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of RMC 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 IS : 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-In-Charge. <b>Aggregate shall be conforming to IS 383.</b> Fly Ash is <b>not</b> to be used in the Mix.				
14.a	<b>M-20 Grade</b> for all works <b>upto Plinth level</b> (using minimum 300 kg of 43/53 Grade OPC in 1 Cu. m of Concrete)	Cu. m	1.00	Rs. 6,019.94	Rs. 6,019.94
14.b	<b>M-20 Grade</b> for all works <b>above Plinth level upto and including Floor Five level</b> (using minimum 300 kg of 43/53 Grade OPC in 1 Cu. m of Concrete)	Cu. m	1.00	Rs. 6,749.05	Rs. 6,749.05
14.c	<b>M-25 Grade</b> for all works <b>upto Plinth level</b> (using minimum 330 kg of 43/53 Grade OPC in 1 Cu. m of Concrete)	Cu. m	1.00	Rs. 6,512.16	Rs. 6,512.16



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/PCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
14.d	<b>M-25 Grade</b> for all works <b>above Plinth level upto and including Floor Five level</b> (using minimum 330 kg of 43/53 Grade OPC in 1 Cu. m of Concrete)	Cu. m	1.00	Rs. 7,241.22	Rs. 7,241.22
15	<b>Placing Steel Reinforcement for RCC work</b> including straightening, cutting, bending, placing in position and binding all complete for all types of Reinforcement bars, as directed by Engineer-In-Charge. <b>Only Steel Reinforcement shall be issued by BHEL free of cost at BHEL stores.</b>	MT	3.00	Rs. 8,232.64	Rs. 24,697.92
16	<b>Centring and shuttering</b> including strutting, propping etc.; and removal of form for -				
16.a	- walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sq. m	120.00	Rs. 186.44	Rs. 22,372.80
16.b	- pockets	Sq. m	30.00	Rs. 318.56	Rs. 9,556.80
17	<b>Dismantling the broken RCC covers and casting and fixing with new cable trench covers with Reinforced Cement Concrete 1 : 1½ : 3</b> (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size) including cost of cutting, welding of angle iron frame, <b>supply &amp; sprinkling of ironite at 2 kg/Sq. m</b> and neat finishing excluding the cost of angle iron and Reinforcement. Thickness of covers will be varying from 75 mm to 100 mm. <b>Aggregate shall be conforming to IS 383.</b> <b>(Only Cement, Structural Steel and Reinforcement Steel shall be issued by BHEL free of cost at BHEL stores).</b> <b>M.S. rounds shall be issued by BHEL at BHEL stores on cost recovery basis under separate item.</b>	Sq. m	20.00	Rs. 362.76	Rs. 7,255.20
18.1	<b>Supply, filling / stacking of Crushed Stone Sand</b> having bulk density of 1500 to 1680 kg/Cu.m and water absorption of max. 12%, conforming to IS 383, at required site as directed by the Engineer-In-Charge. Sand graded to Zone-IV of IS 383 is not acceptable. <u>For volumetric conversion, Unit weight shall be taken as 1500 kg/Cu.m (if required for payment purposes).</u>	Tonne	10.00 MT	Rs. 924.00	Rs. 9,240.00
18.2	<b>Supply, filling / stacking of River Sand</b> having bulk density of 1500 to 1680 kg/Cu.m and water absorption of max. 12%, conforming to IS 383, at required site as directed by the Engineer-In-Charge. Sand graded to Zone-IV of IS 383 is not acceptable. <u>For volumetric conversion, Unit weight shall be taken as 1500 kg/Cu.m (if required for payment purposes).</u>	Tonne	10.00 MT	Rs. 2,400.00	Rs. 24,000.00
18.3	<b>Supply, filling / stacking of 20 mm Coarse Aggregates</b> , conforming to IS 383, at required site as directed by the Engineer-In-Charge. <u>For volumetric conversion, Unit weight shall be taken as 1500 kg/Cu.m (if required for payment purposes).</u>	Tonne	10.00 MT	Rs. 924.00	Rs. 9,240.00
19	<b>Supply and Fixing of MS fan clamp Type - I or II of 16 mm dia MS Round bar</b> bent to shape with hooked ends in RCC slabs, beams during laying including painting the exposed portion of loop all as per standard design complete.	Each	8.00	Rs. 123.14	Rs. 985.12



**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
<b>PART-A3: MASONRY, PLASTERING</b>					
20	<b>Brick work with FPS bricks</b> of Ground moulded in superstructure <b>above Plinth level up to and including Floor Five level</b> in all shapes and sizes in Cement Mortar 1 : 6. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Cu. m	100.00	Rs. 3,806.29	Rs. 3,80,629.00
21	<b>Supply and stacking of Bricks, Class Designation: 12.5</b> , common burnt clay non-modular Bricks with water absorption not more than 20% by weight when immersed in cold water for 24 hours and conforming to IS 1077, at required site as directed by the Engineer-In-Charge.	Nos	3000	Rs. 9.00	Rs. 27,000.00
22	<b>Half Brick Masonry with FPS bricks</b> of Ground moulded in superstructure <b>above plinth level up to Floor Five level in Cement Mortar 1 : 4</b> (1 cement : 4 Coarse sand) including Plastering with Cement Mortar 1 : 6 (1 cement : 6 coarse sand) 20 mm thick on both sides. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	2.00	Rs. 504.98	Rs. 1,009.96
23	<b>Cutting and Placing of two 6 mm dia MS round bars</b> at every 4th layer in Half Brick Masonry [quantity shall be as per Half Brick Masonry constructed area]. <b>Only Steel Reinforcement shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	1.00	Rs. 504.98	Rs. 504.98
24	<b>Coursed Rubble Masonry (second sort) - [CRS]</b> with hard stone in foundations and plinth with Cement Mortar 1 : 6 ( 1 Cement : 6 Coarse sand). <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Cu. m	20.00	Rs. 3,066.10	Rs. 61,322.00
25	<b>Plastering in Cement Mortar 1 : 6, 20 mm thick to internal and external surfaces</b> of walls including the cost of all materials, labour, curing etc., complete - <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>				
25.a	- for heights up to 10.00 m	Sq. m	400.00	Rs. 136.30	Rs. 54,520.00
25.b	- for heights from 10.01 m to 13.00 m	Sq. m	5.00	Rs. 168.52	Rs. 842.60
25.c	- for heights from 13.01 m to 16.00 m	Sq. m	2.00	Rs. 200.75	Rs. 401.50
25.d	- for heights from 16.01 m to 19.00 m	Sq. m	2.00	Rs. 232.98	Rs. 465.96
26	<b>Plastering in Cement Mortar 1 : 6, 12 mm thick to internal and external surfaces</b> of walls including the cost of all materials, labour, curing etc., complete. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	100.00	Rs. 101.28	Rs. 10,128.00
27	<b>Plastering in Cement Mortar 1 : 3, 6 mm thick to Ceiling</b> including the cost of all materials, labour, curing etc., complete. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	5.00	Rs. 88.32	Rs. 441.60
28	<b>Plastering over Roof Slab in Cement Mortar 1 : 4, 20mm thick mixed with water proofing compound, Make: "Sika"</b> @ 3% by weight of cement as per manufacturer's specification, curing as directed. Rate includes finishing, cost of all materials and labour etc., complete, as directed by Engineer-In-Charge. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	100.00	Rs. 138.08	Rs. 13,808.00
29	<b>Finishing the top of concrete flooring with Cement Mortar 1 : 3</b> (1 cement : 3 Coarse sand), <b>15 mm thick</b> including neat finishing, curing etc., complete as directed by Engineer-In-Charge. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	50.00	Rs. 125.98	Rs. 6,299.00



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/PCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
30	<b>Finishing, Cutting and Fixing Chowkhat / door frame in existing opening in Brick / RCC wall</b> with dash fasteners of appropriate size / chemical fastener (3 Nos on each vertical member of door chowkhat and 2 Nos on each vertical member of window 1.20 m height as per CPWD specifications including cost of dash fasteners / chemical fasteners. <b>Only Door frames / chowkats shall be issued by BHEL free of cost at BHEL stores.</b>	Each	2.00	Rs. 146.96	Rs. 293.92
<b>PART-A.4: FLOORING, TILING etc.</b>					
31	<b>Flooring in 25 mm thick granolithic flooring using granite stone chips of 3 to 10 mm gauge (no sand) ellies pattern</b> first sort including neat finishing, curing, cost of materials etc., complete as directed by Engineer-In-Charge. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>				
31.a	with 1 : 3 (1 part cement : 3 parts of granite stone chips)	Sq. m	100.00	Rs. 136.18	Rs. 13,618.00
31.b	with 1 : 1 (1 part cement : 1 part of granite stone chips)	Sq. m	20.00	Rs. 44.58	Rs. 891.60
32	<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 m<sup>3</sup> 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. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	5.00	Rs. 284.36	Rs. 1,421.80
33	<b>Supply and Laying of 1<sup>st</sup> quality Ceramic Glazed Wall Tiles of any size</b> as directed by Engineer-In-Charge (thickness to be specified by the manufacture), conforming to IS: 15622, of approved make in all colours, shades except burgundy, bottle green, black, in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1 : 3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per Sqm including pointing the joints with white cement mixed with pigment of matching shade complete, as directed by Engineer-In-Charge. <b>(Only Cement shall be issued by BHEL free of cost at BHEL stores).</b>	Sq. m	40.00	Rs. 739.58	Rs. 29,583.20
34	<b>Supply and Laying of 1<sup>st</sup> quality Ceramic Glazed Floor Tiles 300 x 300 mm</b> (thickness to be specified by the manufacturer), conforming to IS: 15622, of approved make in colours such as white, ivory, grey, fume red brown, laid on 20 mm thick cement mortar 1 : 4 (1 cement : 4 coarse sand) including pointing the joints with white cement with pigment of matching shade complete, as directed by Engineer-In-Charge. <b>(Only Cement shall be issued by BHEL free of cost at BHEL stores).</b>	Sq. m	25.00	Rs. 770.77	Rs. 19,269.25



**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
35	<b>Supply and Laying of 1<sup>st</sup> quality (premium quality) Vitrified Tiles /</b> Nano technology of brighter shades and required design in required texture and colour for flooring /skirting / cladding using vitrified tiles of <b>size 600 x 600 mm</b> ( $\pm 5$ mm), inclusive of cost of cutting, chamfering of tiles to required size, laid on 20 mm thick or more, as per site requirement to get proper slope, cement mortar 1 : 4 (1 cement : 4 coarse sand). <b>Amount shall be paid on the basis of measurement of the area of finished work only.</b> The rate quoted includes cost of all materials, labour, colour tint material, leads and lifts etc., and it also includes surface preparation of floor giving necessary slopes, cleaning joints and grouting joints with pigmented additives to match shade of the tile. The rate also includes making pockets / conduits for electrical, communication, network cables, junction boxes etc. complete in all respects. <b>(Only Cement shall be issued by BHEL free of cost at BHEL stores).</b>	Sq. m	30.00	Rs. 1,352.92	Rs. 40,587.60
36	<b>Supply and Laying of 10 mm thick Acid &amp; Alkali Resistant Tiles</b> of approved make and colour using acid and / or alkali resisting mortar bedding and joints filled with acid and / or alkali resisting cement as per IS: 4457, complete as per the directions of Engineer-In-Charge, in flooring on a bed of 10 mm thick cement mortar 1 : 4 (1 <b>acid proof cement</b> : 4 coarse sand) with acid and alkali resistant tile. <b>All materials are under Contractor scope.</b>	Sq. m	45.00	Rs. 1,155.89	Rs. 52,015.05
37	<b>Supply and Laying of 18 mm thick best quality Jet Black colour or as selected by the Engineer-In-Charge, machine cut <u>mirror polished Granite Slabs</u></b> in required sizes for washbasin counters, floorings, vanity counters, claddings, facias etc., including cutting, chamfering, rounding and mirror polishing etc., complete as directed by Engineer-In-Charge. <b>(Only required Cement for levelling shall be issued by BHEL free of cost at BHEL stores).</b>	Sq. m	40.00	Rs. 3,262.45	Rs. 1,30,498.00
<b>PART-A.5: FABRICATION</b>					
38	<b>Fabrication and fixing inserts in concrete wall</b> with lugs of required dia welded to the insert plates. <b>Raw Structural Steel, electrodes and gas required for work shall be issued by BHEL free of cost at BHEL stores</b> and scrap material also can be used.	MT	1.00	Rs. 3,623.29	Rs. 3,623.29
39	<b>Fabricating / Providing Structural Steel works</b> in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete and dismantling steel work in single sections including dismembering and stacking within 50 m lead in channels, angles, tees and flats (for temporary barricade / enclosure). <b>Raw Structural Steel, electrodes and gas required for work shall be issued by BHEL free of cost at BHEL stores</b> and scrap material also can be used.	MT	1.00	Rs. 5,485.66	Rs. 5,485.66
40	<b>Fixing the old / used AC / used Galvalume sheets for barricading the foundation works</b> and removing the same after the work is over for side walls in the Factory blocks and sheds and at all height including transportation of AC sheets and disposing off old sheets to a lead of 2 km etc., complete as directed by Engineer-In-Charge. <b>Required consumable materials only shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	60.00	Rs. 40.86	Rs. 2,451.60



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/FCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building" - for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
<b>PART-A.6: DRILLING, CORE CUTTING, GROUTING etc.</b>					
41	<b>Concrete Drilling for Bolts:</b> <b>Drilling of holes with electrical drilling machines in RCC / PCC</b> , in various sizes as follows, including drilling of holes, cleaning of holes, removal and disposal of debris from site. The rate includes machinery, labour, tools & tackles, transportation etc., complete as directed by Engineer-In-Charge.				
41.a	20 mm drilling in 500 mm depth	Each	9.00	Rs. 742.06	Rs. 6,678.54
41.b	30 mm drilling in 500 mm depth	Each	4.00	Rs. 883.31	Rs. 3,533.24
41.c	40 mm drilling in 500 mm depth	Each	10.00	Rs. 1,131.01	Rs. 11,310.10
42	<b>Core cutting of pockets with electrical core cutting equipment in RCC / PCC</b> , in various depths as follows, including core cutting pockets, cleaning of area, removal and disposal of debris from site. The rate includes hire charges of machinery, labour, tools and tackles, transportation etc. complete as directed by Engineer-In-Charge.				
42.a	<b>250 mm dia Core Cutting - 300 mm depth</b>	Each	2.00	Rs. 4,147.30	Rs. 8,294.60
42.b	<b>250 mm dia Core Cutting - 500 mm depth</b>	Each	2.00	Rs. 5,520.68	Rs. 11,041.36
43	<b>Core cutting of pockets with electrical core cutting equipment in RCC / PCC</b> , in various depths as follows, including core cutting pockets, cleaning of area, removal and disposal of debris from site. The rate includes hire charges of machinery, labour, tools and tackles, transportation etc. complete as directed by Engineer-In-Charge.				
43.a	<b>300 dia Core Cutting - 200 mm depth</b>	Each	1.00	Rs. 3,710.39	Rs. 3,710.39
43.b	<b>300 dia Core Cutting - 250 mm depth</b>	Each	1.00	Rs. 4,114.36	Rs. 4,114.36
43.c	<b>300 dia Core Cutting - 300 mm depth</b>	Each	1.00	Rs. 4,488.40	Rs. 4,488.40
43.d	<b>300 dia Core Cutting - 400 mm depth</b>	Each	1.00	Rs. 5,194.55	Rs. 5,194.55
43.e	<b>300 dia Core Cutting - 500 mm depth</b>	Each	1.00	Rs. 5,984.52	Rs. 5,984.52
44	<b>Grouting of bolt pockets with Cement Mortar 1 : 1</b> including the cost of all materials, labour, curing etc., complete. <b>Only Cement shall be issued by BHEL free of cost at BHEL stores.</b>	Cu. m	2.00	Rs. 848.29	Rs. 1,696.58
45	<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	1.00	Rs. 1,456.48	Rs. 1,456.48
46	<b>Grouting: Drilling of 14 mm dia holes up to half the depth of concrete and fixing PVC nozzles into the holes</b> with a plugging mortar, <b>pumping cement slurry mixed with grouting additives</b> with the help of grout pump and removing PVC nozzles and plugging the holes etc., complete as directed by Engineer-In-Charge. Rate includes cost of all materials, labours, lead and lift etc. complete. Required tools and tackles shall be brought by agency. <b>Separate Register for Cement consumption in Grouting should be maintained.</b> <b>(Only required Cement shall be issued by BHEL free of cost at BHEL stores).</b>	Point	10.00	Rs. 95.12	Rs. 951.20
47	<b>Drilling of 14 mm dia holes on the face of the columns to a depth of 75 mm to 100 mm</b> and fixing shear connector 10 mm dia using polyester resin grout as specified including cost of all materials, tools and tackles, leads and lifts, labour etc. complete as directed by Engineer-In-Charge.	Each	10.00	Rs. 235.92	Rs. 2,359.20



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/PCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building" - for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
<b>PART-A.7: MISCELLANEOUS</b>					
48	Supplying and fixing position 40 mm thick fibre glass covered by cotton cloth (netted) fixed in position and covered with Aluminum perforated sheet above the insulation for the foundation including fixtures and accessories and cost of all materials, labour etc., complete as directed by Engineer-In-Charge. <b>Rock wool shall be of standard quality.</b>	Sq. m	6.00	Rs. 605.10	Rs. 3,630.60
49	Supply and fixing in position 60 mm thick / 30 mm thick in two layers thermocoal including cost of materials, labour etc., complete.	Sq. m	6.00	Rs. 448.00	Rs. 2,688.00
50	Supply of JCB on hourly basis, for levelling the surplus earth debris heaps located at various locations in factory area, as directed by Engineer-In-Charge. Rate includes all charges like fuel, hire charges etc., complete as directed by Engineer-In-Charge. <b>Proper Log Book should be maintained at site.</b>	Hours	40.00	Rs. 698.24	Rs. 27,929.60
<b>Subtotal of PART-A, excluding GST</b>					<b>= Rs. 22,14,140.00</b>
<b>PART-B: PAINTING WORKS</b>					
1	Supply, Apply and Finishing with two or more coats of Epoxy paint of <b>ASIAN [or] BERGER make</b> at all locations, prepared and applied as per manufactures specifications including appropriate priming coat, preparation of surface, cost of all materials etc., complete on concrete work, as directed by Engineer-In-Charge. <b>All materials are in Contractor scope.</b>	Sq. m	10.00	Rs. 88.14	Rs. 881.40
2	Applying Epoxy / Polyurethane Floor Paint, two or more coats on concrete surface of approved shade (Make: ASIAN / BERGER) at all locations prepared and applied as per manufacturer's specifications including supply and applying appropriate priming coat, all materials, preparation of surface etc., complete as directed by Engineer-In-Charge. <b>Only required paint shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	170.00	Rs. 54.78	Rs. 9,312.60
3	Applying of Oil Bound Distemper of given / required shade, as directed by Engineer-In-Charge, including thorough cleaning & scraping the old surfaces, and cost also includes of all labour and all other incidentals.				
3.a	With <u>one or more coats</u> - only OBD under BHEL scope and shall be issued by BHEL free of cost at BHEL stores. All other materials are under Contractor scope.	Sq. m	1800.00	Rs. 4.19	Rs. 7,542.00
3.b	With <u>one or more coats</u> - 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/litre of approved brand and manufacture to give an even shade. <b>OBD and all other materials are under Contractor scope and OBD shall be of required shade and approved make.</b>	Sq. m	200.00	Rs. 33.40	Rs. 6,680.00
3.c	With <u>two or more coats</u> - only OBD under BHEL scope and shall be issued by BHEL free of cost at BHEL stores. All other materials are under Contractor scope.	Sq. m	2000.00	Rs. 6.80	Rs. 13,600.00
3.d	With <u>two or more coats</u> - Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. <b>OBD and all other materials are under Contractor scope and OBD shall be of required shade and approved make.</b>	Sq. m	200.00	Rs. 53.60	Rs. 10,720.00
4	Applying <u>two or more coats</u> of Oil Bound washable Distemper of given shade <u>including water thinnable priming coat</u> including thorough cleaning & scraping the old surfaces / new surfaces, and cost includes of all labour, primer and other incidentals. All other materials are under Contractor scope.				



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/PCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
4.a	<b>With only OBD under BHEL scope</b> and shall be issued by BHEL free of cost at BHEL stores.	Sq. m	3150.00	Rs. 11.82	Rs. 37,233.00
4.b	<b>New work (two or more coats)</b> over and including water thinnable priming coat with cement primer	Sq. m	350.00	Rs. 94.37	Rs. 33,029.50
5	<b>Applying one or more coats of Oil Bound Distemper / White washing</b> of given shade including thorough cleaning & scrapping of existing oil bound distemper paint / white washed surface with water or scrapers or any other suitable tools and <b>supply &amp; applying one or more coats of white cement based putty of average thickness 1 mm</b> of approved brand (Make: ALTEK / BIRLA WHITE) over the plastered / scrapped wall surface to prepare the surface even & smooth, as directed by the Engineer-In-Charge. <b>Only OBD Paint shall be issued by BHEL free of cost at BHEL stores.</b> All other materials are under Contractor scope.	Sq. m	80.00	Rs. 57.79	Rs. 4,623.20
6	<b>Applying two or more coats of Exterior Emulsion Paint</b> of given shade <b>on old surfaces of walls at all heights</b> of the buildings of Shop Annexes including thorough cleaning & scraping the old surfaces, and cost also includes of all labour and other incidentals. <b>Only Exterior Emulsion Paint shall be issued by BHEL free of cost at BHEL stores.</b> All other materials are under Contractor scope.				
6.a	<b>With only Exterior Emulsion Paint under BHEL scope</b> and shall be issued by BHEL free of cost at BHEL stores.	Sq. m	9000.00	Rs. 8.38	Rs. 75,420.00
6.b	<b>With Exterior Emulsion Paint</b> of required shade is <b>under Contractor scope</b> , two or more coats applied at 1.67 litres / 10 Sq.m on existing cement paint surface. <b>Make: Nerolac / Berger / Indigo</b>	Sq. m	1000.00	Rs. 61.44	Rs. 61,440.00
7	<b>Applying Synthetic Enamel Paint</b> of given shade to <b>old plastered surfaces of walls</b> including thorough cleaning & scraping old surfaces, and cost also includes of all labour, thinner, tools and all other incidentals. <b>Only Synthetic Enamel Paint shall be issued by BHEL free of cost at BHEL stores.</b> All other materials are under Contractor scope.				
7.a	<b>With one or more coats</b>	Sq. m	2000.00	Rs. 5.54	Rs. 11,080.00
7.b	<b>With two or more coats</b>	Sq. m	800.00	Rs. 8.16	Rs. 6,528.00
8	<b>Applying Synthetic Enamel Paint</b> of given shade to <b>old wood work</b> including thorough cleaning & scraping old surfaces, and cost also includes of all labour, thinner, tools and all other incidentals. <b>Only Synthetic Enamel Paint shall be issued by BHEL free of cost at BHEL stores.</b> All other materials are under Contractor scope.				
8.a	<b>With one or more coats</b>	Sq. m	300.00	Rs. 5.54	Rs. 1,662.00
8.b	<b>With two or more coats</b>	Sq. m	200.00	Rs. 8.16	Rs. 1,632.00
9	<b>Applying Synthetic Enamel Paint</b> of given shade to <b>old steel work</b> including thorough cleaning & scraping old surfaces, cost also includes of all labour, thinner, tools and all other incidentals. All other materials are under Contractor scope.				
9.a	<b>With one or more coats - only Synthetic Enamel Paint under BHEL scope</b> and shall be issued by BHEL free of cost at BHEL stores.	Sq. m	360.00	Rs. 5.54	Rs. 1,994.40
9.b	<b>With one or more coats - Synthetic Enamel Paint is under Contractor scope.</b> <b>Make: Asian / Nerolac / Berger / Indigo</b>	Sq. m	40.00	Rs. 49.17	Rs. 1,966.80
9.c	<b>With two or more coats - only Synthetic Enamel Paint under BHEL scope</b> and shall be issued by BHEL free of cost at BHEL stores.	Sq. m	180.00	Rs. 8.16	Rs. 1,468.80
9.d	<b>With two or more coats - Synthetic Enamel Paint is under Contractor scope.</b> <b>Make: Asian / Nerolac / Berger / Indigo</b>	Sq. m	20.00	Rs. 74.75	Rs. 1,495.00



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/PCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
10	Applying Synthetic Enamel Paint of given shade <u>to Railings up to 1.00 m height</u> including thorough cleaning the surface, and cost also includes of all labour, tools and other incidental. All other materials are under Contractor scope.				
10.a	With <u>one or more coats</u> - only Synthetic Enamel Paint under BHEL scope and shall be issued by BHEL free of cost at BHEL stores.	m	900.00	Rs. 4.85	Rs. 4,365.00
10.b	With <u>one or more coats</u> - Synthetic Enamel Paint is under Contractor scope. Make: Asian / Nerolac / Berger / Indigo	m	100.00	Rs. 16.34	Rs. 1,634.00
11	Applying Synthetic Enamel Paint of given shade <u>to kerb stone</u> of size 15 x 15 cm after thorough cleaning & scrapping the kerb stones with wire brushes and cost also includes of all labour, tools and other incidentals. <b>Only Synthetic Enamel Paint shall be issued by BHEL free of cost at BHEL stores.</b> All other materials are under Contractor scope.				
11.a	Applying <u>one or more coats</u>	m	8000.00	Rs. 1.60	Rs. 12,800.00
11.b	Applying <u>two or more coats</u>	m	400.00	Rs. 1.92	Rs. 768.00
12	Applying <u>two or more coats</u> of Synthetic Enamel Paint of given shade <u>on BT surface for speed breakers</u> with 15 cm wide or required size strips, including thorough cleaning the surface, as directed by Engineer-In-Charge, with black & yellow [or] black & white colour paint and cost also includes of all labour, tools and other incidentals. <b>Only Synthetic Enamel Paint shall be issued by BHEL free of cost at BHEL stores.</b> All other materials are under Contractor scope.	Sq. m	100.00	Rs. 12.64	Rs. 1,264.00
13	Applying <u>one or more coats</u> of Synthetic Enamel Paint of given shade <u>to Gang ways in Production Bocks</u> up to a width of 100 to 150 mm on the existing lines to proper line and barricading the painted surfaces till it is dried up after through cleaning the surface and removing oil traces and cost also includes of all labour, tools and other incidentals. Note: During peak production period the work has to be carried out on holidays and in Third Shift timings. <b>Only Synthetic Enamel Paint shall be issued by BHEL free of cost at BHEL stores.</b>	m	200.00	Rs. 0.79	Rs. 158.00
14	Applying <u>two or more coats</u> of Synthetic Enamel Paint of given shade to <u>Sign Boards</u> of various sizes at Factory blocks & buildings and boards placed at entrances at all heights for back ground and cost also includes of all labour, tools and other incidentals. <b>Only Synthetic Enamel Paint shall be issued by BHEL free of cost at BHEL stores.</b>	Sq. m	20.00	Rs. 24.90	Rs. 498.00
15	<b>Writing name boards</b> of given size in three languages (Telugu, Hindi, and English) on both sides with <u>two or more coats</u> of Synthetic Enamel Paint of approved shade including scraping of name board with sand paper and lettering with black Japan paint / required shade of approved brand and manufacture as directed by Engineer-In-Charge. The rate shall include all costs complete. <b>All materials are under Contractor scope.</b>	Per letter per cm height	100.00	Rs. 0.62	Rs. 62.00
16	<b>Supply and Applying French Spirit polish in <u>two or more coats</u> on New / Old Wood Works</b> , including a coat of wood filler / wood primer, if any required as directed by Engineer-In-Charge.	Sq. m	40.00	Rs. 109.96	Rs. 4,398.40



PRICE BID  
SCHEDULE-A :: BILL OF QUANTITIES

Tender Notice No.: HY/FCD/OT-15/2022-23, date: 26.11.2022  
AMC for Masonry and Machine Foundations,  
Factory Civil, BHEL Hyderabad

**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24.

SNo.	Description of the item	Unit	Quantity	Unit Rate excluding GST	Amount excluding GST
17	Applying <u>two or more coats</u> of Synthetic Enamel Paint or Aluminum Paint <u>on all structural steel works</u> like trusses, columns, girders, bracings, compound wall fencing etc., and cost also includes scaffolding of required height to paint and complete as directed by Engineer-In-Charge. <b>Only Synthetic Enamel Paint or Aluminum Paint as per requirement shall be issued by BHEL free of cost at BHEL stores.</b> <b>All other materials are under Contractor scope.</b>	MT	1.00	Rs. 245.88	Rs. 245.88
18	Supply and Applying <u>two or more coats</u> @ 3.28 litres per 10 Sq. m for <u>Finishing walls with Textured Exterior Paint</u> of required shade including thorough cleaning and scraping the existing surface and <b>Supply and Application of Base coat of Water Proofing Cement Paint applied @ 2.20 kg per10 Sq. m</b> , and cost also includes scaffolding of required height to paint and complete as directed by Engineer-In-Charge. <b>All materials are under Contractor scope.</b>	Sq. m	175.00	Rs. 94.15	Rs. 16,476.25
19	Supply and Applying of Birla Wall care Putty for filling the cracks of <b>external surfaces of walls</b> and cost also includes scaffolding of required height, labour and other incidentals required before applying of exterior emulsion paint. <b>All materials are under Contractor scope.</b>	kg	100.00	Rs. 18.79	Rs. 1,879.00
20	Scrapping of the surface of the existing paint for the <u>Mahatma Gandhi statue</u> near BHEL Factory gate and filling the cracks and holes with janata paste, applying steel lappam putty and applying of suitable metallic Polyurethane paint 2 coats including the necessary scaffolding, cleaning the entire area after applying the paint etc. Complete as per directed in charge <b>All materials are under Contractor scope.</b>	Each	1	Rs. 23,400.00	Rs. 23,400.00
21	Scrapping of the surface of the existing paint for the <u>Sh. Lal Bahadur Shastri statue</u> near BHEL Factory gate and filling the cracks and holes with janata paste, applying steel lappam putty and applying of suitable metallic Polyurethane paint 2 coats including the necessary scaffolding, cleaning the entire area after applying the paint etc. Complete as per directed in charge. <b>All materials are under Contractor scope.</b>	Each	1	Rs. 23,400.00	Rs. 23,400.00
<b>Subtotal of PART-B, excluding GST</b>					<b>Rs. 3,78,776</b>
<b>Total cost of Work (PART-A + PART-B), excluding GST</b>					<b>Rs. 25,92,916</b>



**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24. .

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	The rates are excluding GST.
3	The maintenance period is Nil. The security deposit will be released after satisfactory completion of the work including Maintenance Period and after getting I.R clearance and payment of final bill.
4	<p><b>Penalty terms: Refer Clause 2.1.3 of NIT</b></p> <p><b>The following Penalties are envisaged in the contract and shall be assessed and recovered independently:</b></p> <p><b>(a) DELAY IN COMPLETION OF WORK:</b> In the event of delay in completion of the awarded work beyond the contractual delivery date, a <u>penalty of 0.5% of the Contract value per week delay or part thereof subject to a maximum of 10% of the Contract value</u> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable.</p> <p><b>(b) DELAY IN DEPOSITION OF SECURITY DEPOSIT:</b> If the Contractor fails to deposit the required Security Deposit within TWO weeks period from the date of issue of LoI [or] as requested by BHEL, EMD shall be forfeited and the Contractor / Tenderer may be suspended from being eligible for bidding in any contract with BHEL for a period of TWO years from the date of notification, in case of continuous defaulter.</p> <p><b>(c) DELAY IN COMMENCEMENT OF WORK:</b> If the Contractor fails to commence the work within FIFTEEN (15) calendar days from the date of issue of LoI or as requested by BHEL, a <u>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</u> shall be levied and recovered from any of his bills lying with BHEL along with GST, as applicable.</p> <p><b>(d) PENALTY ON UNEXECUTED VALUE OF THE CONTRACT:</b> Unless otherwise total value of the awarded contract to be executed is reduced / restricted due to budget constraint or short closed for the reasons not attributable to the Contractor, <u>10% of the unexecuted value, irrespective of internal deviation (±) of individual items, assessed at the end of contract period or extended contract period shall be levied as penalty</u> and shall be recovered from any of his bills lying with BHEL along with GST. This shall be in addition to the penalties levied due to delay in execution of Contract as mentioned above.</p> <p><b>(e) USAGE OF AGGREGATES:</b> Coarse Aggregates shall be conforming to IS 383. Further, unless otherwise specified, <u>only Coarse Natural / River Sand conforming to IS: 383 should be used in all Cement related works.</u> However, if Crushed stone sand (also locally called as robo sand, stone dust etc.) conforming to IS: 383 is used in masonry / concrete / plastering or any other cement related work(s) or filling works, <u>amount payable for such item/s to the extent of quantity executed using Crushed stone sand shall be reduced by 20% (TWENTY PERCENT).</u></p> <p><b>(f) Violation of applicable safety, health and environment related norms, a penalty of Rs. 5,000/- (Rupees Five thousand) per occasion shall be imposed.</b></p>
5	<p><b>SPECIAL NOTES:</b></p> <p>(i) For the items in which supply of OBD / Exterior Emulsion / Synthetic Enamel Paint etc., are under Contractor scope, payment of the item shall be released only after submission of Factory Entry Gate passes of the paint material irrespective of the locations painted. Quantity of paint material brought inside the Factory, quantity required to be consumed against the quantity executed shall be reconciled in-line with CPWD specification.</p> <p>(ii) <u>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.</u></p> <p>(iii) Refer Clause-6.A of NIT i.e., Splitting of Contract, if applicable.</p>
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 and duties other than GST as applicable from time to time.
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 agency has to pay the minimum wages to the workers with statutory payments like ESI, PF etc., as per BHEL Notification. For wages, refer Clause-10.11 of NIT. Payments and increase in statutory payments like ESI, PF, PPE's etc., and increase in future DA shall be borne by the Contractor.
11	The agency has to bring police clearance certificate for the work force.
12	All the terms and conditions of the contract 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.
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-Charge.



**Name of the work:** "Annual Maintenance Contract for Miscellaneous Machine foundations, Masonry works and Painting works in Factory Area and Administrative Building "- for FY 2022-23 & FY 2023-24. .

**GST CLAUSES**

Following points to be complied with :

<b>(A) 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: • 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>(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) 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, 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

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

- Note : 1) The bidders are required to quote the tender value on percentage (%) basis at excess or less or at par with estimated value in figures and words. **Bidders are requested to fill only one row;**  
 2) The rates are excluding GST. Applicable GST shall be paid to the Contractor after submission of necessary documents;  
 3) Bidders are advised to read and understand Clause 2.1.3 of NIT for Penalties.