

## Price Bid Format

**Name of Work: Construction of Pile Foundations including Erection of Module Mounting Structures, Modules and levelling, Grading for 65MW ,Solar Power Plant of NLC - Tamilnadu.(Structures, modules, hardware supply by BHEL)**

Sl.No (A)	DESCRIPTION (B)	UNIT (C)	QTY (D)	WEIGHTAGE RATE IN PERCENTAGE (%) (E)	Rate (in Rs.) (F)	AMOUNT (Rs) (G)
1	Boring (with Auger/DTH etc), providing and installing bored cast-in-situ cement concrete piles of machine batched and machine mixed design mix M-25 grade of specified diameter and length below the pile cap, to carry a safe working load not less than specified, including the cost of boring and concrete, with temporary casing of appropriate length for setting out and removal of same all complete, including removal of excavated earth with all lifts and leads, marking of pile location at site with Total station as per design and drawing of BHEL: <b>300 mm dia piles</b> ( Variable depth Approximately up to 2.00m) <b>In all kinds of soils</b>	metre	108945	74.16		
2	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including 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 Engineer-in-charge. All works upto plinth level. for top concrete pile cap/ collar of MMS with waterproofing paint, curing etc	cum	1091.968125	3.39		
3	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete. for top concrete/ collar of MMS	sqm	14047.575	1.39		
4	Erection and Alignment of structure legs ( Columns) in plumb,as per the Co-Ordinates, Inside pile foundation before concrete complete in all respect including collecting structure material from BHEL STORE unpacking , shifting to work location, disposal of unwanted packing material at identified location ( <b>BHEL WILL SUPPLY STRUCTURE MATERIAL AND HARDWARES</b> )	tonne	813	2.13		
5	Erection of Structure material,Assembly to mentioned inclined angle,tightening of accessories using tools at mentioned torque.including collecting structure material from BHEL STORE unpacking , shifting to work location, disposal of unwanted packing material at identified location ( <b>BHEL WILL SUPPLY STRUCTURE MATERIAL AND HARDWARES</b> )	tonne	1980	5.18		
6	Erection of modules, placing, tightening using tools at mentioned torque. . (size approximately 1976 x 996 x 50mm) .including collecting module from BHEL STORE unpacking , shifting to work location, disposal of unwanted packing material at identified location ( <b>BHEL WILL SUPPLY MODULE/HARWARE</b> )	no.	238600	4		
7	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	100 SQM	10522.2	1.53		

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8	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material Beyond 30 cm girth upto and including 60 cm girth	each	10	0.01	<b>This will be filled (populated) based on total quoted Price</b>	<b>This will be filled (populated) based on total quoted Price</b>
9	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.All kinds of soil	cum	15783.3	1.21		
10	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 1500m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.All kinds of soil	cum	36827.7	4.34		
11	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed. <b>Ordinary rock</b>	cum	100	0.01		
12	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 1500 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed. <b>Ordinary rock</b>	cum	50	0.01		
13	Disposal of surplus excavated material up to 5 km outside the solar plant, including carriage of material by mechanical transport, including, loading unloading and stacking.	cum	500	0.04		
14	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. All kinds of soil	100 SQM	3945.825	2.18		
15	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	200	0.01		
16	Conducting initial load test upto a maximum test load of 2.5 times the safe load capacity on single pile as specified in accordance with IS 2911 (Part-4) including preparation of pile head for testing, necessary excavation, all arrangements of loading, unloading, test equipments/accessories, jacks, recording of results, labour, submission of test report <b>but excluding the cost of installation of pile (installation of pile shall be paid seperately)</b> etc all complete as per specification, drawing and as directed by engineer in-charge for the following.					

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16.1	For vertical compression test for 300 mm diameter pile	Each	5	0.11		
16.2	For Lateral load test for 300 mm diameter pile	Each	5	0.05		
16.3	For tension/uplift test for 300 mm diameter pile	Each	5	0.25		
				100%		
	<b>TOTAL AMOUNT(Rs) IN figures =</b>					
	<b>TOTAL AMOUNT(Rs) IN words =</b>					

**Note:**

- 1 Bidder Should Fill Total Amount only
- 2 Bidder need not fill any value in amount column,unit prices shall be worked out from the
- 3 Evaluation Shall be based on total amount.
- 4 The rate and amount are inclusive of all applicable taxes, except for the service tax. For details of taxes, clause no. 8.0 of the TCC will be applicable.
  
- 5 Bidders should quote only the (Total Amount) both in figures & words in the specified place. They should not fill/quote/write anything in col. ( F ) & ( G ). These rates & amount will be derived based on total quoted rates and corresponding weightage rates for individual line items shown in col. ( E ).