

**GUJARAT INDUSTRIES POWER COMPANY LIMITED**

(Surat Lignite Power Plant)

SCHEDULE OF RATE (YEAR 2021-23)

NAME OF WORK: Surat Lignite Power Plant - 4X125 MW, Unit # I to IV: Biennial Rate Contract for Horticulture Services at Power Plant & Colony at Village: Nani Naroli and Vastan Mines Site office (year 2021-2023).

Sr. No.	Item Description	QUANTITY	UNIT	Rate (Rs.)	Amount (Rs.)
	PACKAGE-I (HORTICULTURE MAINTENANCE & DEVELOPMENT)				
1	SECTION-I (HORTICULTURE MAINTENANCE) Maintenance of ornamental plants for two years of contract period by engaging Mali / labour in Power Plant, including: (i) Regular trimming, watering, hoeing, cleaning etc.. as required and directed. (ii) Regular removal of all garden waste like dead leaves etc.. from area covered under maintenance and disposal of the same away from the plant & residential areas as directed by GIPCL. (iii) Weeding : Every 15-20 days surrounding the plant. (iv) Cleaning : regular as required, the circular area in diameter of 1.00M of the plant must be cleaned and should be made free from all debris and other vegetation. (A) Plant (Quantity = 4400 to 5500 Nos.)	24.00	Month	35,709.65	857,031.60
2	(B) Same as above but at Colony (Quantity = 1606 to 1681 Nos.).	24.00	Month	6,278.96	150,695.04
3	(C) Same as above but at Mines office area (Quantity = 100 to 150 Nos.).	24.00	Month	476.98	11,447.52
4	Maintenance of hedge for two years of contract period by engaging mali / labour including trimming, pruning in different shapes, cleaning, watering, weeding and removal of waste materials etc. as per item No.1 above. (A) Plant (Quantity = 4500 to 5000 RM).	24.00	Month	19,040.67	456,976.08
5	(B) Same as above but at Colony (Quantity = 2590.95 to 2640.95 RM).	24.00	Month	8,416.00	201,984.00
6	(C) Same as above but at Mines office area (Quantity = 130 to 180 RM).	24.00	Month	663.15	15,915.60
7	Maintenance of lawn for two years of contract period by moving with lawn mower, sword, watering (as per seasonal requirement) during respective season, cleaning weeding and removal of grass, debris, including spreading of yellow soil and organic fertilizer as per detailed specifications etc and as per item no.1 above. (A) Plant (Quantity = 40000 to 45000 M2).	24.00	Month	158,857.65	3,812,583.60
8	(B) Same as above but at Colony (Quantity = 27904.79 to 28154.79 M2).	24.00	Month	88,657.79	2,127,786.96

Sr. No.	Item Description	QUANTITY	UNIT	Rate (Rs.)	Amount (Rs.)
9	(C) Same as above but at Mines office area (Quantity = 1100 to 1500 M2).	24.00	Month	3,284.89	78,837.36
10	Labour charges for periodical development & maintenance of seasonal flower bed including supply of variety of various seasonal flowers as per detail specifications mentioned in Scope of work and as directed by Engineer-in-charge. (A) Plant (Quantity = 150 to 200 M2).	24.00	Month	1,470.60	35,294.40
11	(B) Same as above but at Colony (Quantity = 114.68 to 129.68 M2).	24.00	Month	561.81	13,483.44
12	Maintenance of special trees for two years of contract period by engaging mali / labour including all as per item No.1 above. (A) Plant (Quantity = 4500 to 6500 Nos.).	24.00	Month	9,567.16	229,611.84
13	(B) Same as above but at Colony (Quantity = 538 to 588 Nos.).	24.00	Month	936.34	22,472.16
14	Maintenance of flower / shrub pots in various offices/areas for two years of contract period with all required activities for complete maintenance. Maintained pots are to be changed on every 5th day or as required and shifted pots should be taken into maintenance. The soil has to be changed every 3 months from the pot or as per requirement. (A) Plant (Quantity = 150 to 200 Nos.).	24.00	Month	1,383.57	33,205.68
15	(B) Same as above but at Colony (Quantity = 138 to 168 Nos.).	24.00	Month	541.97	13,007.28
16	(C) Same as above but at Mines office area (Quantity = 80 to 100 Nos.).	24.00	Month	313.92	7,534.08
17	Maintenance of Nursery in Power Plant as per detail scope and specifications mentioned in Tender Document.	24.00	Month	3,541.00	84,984.00
ESTIMATED SOR VALUE SECTION-I WITHOUT GAST >>>					8,152,850.64
18	SECTION-II (MATERIALS FOR HORTICULTURE) Spreading vermicompost/Organic (manure) to the ornamental plants, lawn, hedge plants and special trees of Power Plant @ 50 gms per each tree at the start of the quarters and totally four times in a year. (A) Plant	15000.00	Kg	4.00	60,000.00
19	(B) Same as above but at Colony	4500.00	Kg	4.00	18,000.00
20	Spreading farm yard manure to the ornamental plants, lawn, hedge plants and special trees of Power Plant @ 50 gms per each tree at the start of the quarters totally four times in a year supplied by GIPCL, transportation of manure bags from vermiculture site to different locations shall be in the scope of contractor only. (A) Plant	2000.00	Kg	1.00	2,000.00
21	(B) Same as above but at Colony	500.00	Kg	1.00	500.00
22	(C) Same as above but at Mines office area	100.00	Kg	1.00	100.00

Sr. No.	Item Description	QUANTITY	UNIT	Rate (Rs.)	Amount (Rs.)
23	Providing and applying Chemical Manure in gardens. a.) Urea 30-40 gms per tree (ornamental plants, hedge plants special trees etc...) and 30-40 gms per 5 sqm of lawn area. (A) Plant	700.00	Kg	5.00	3,500.00
24	(B) Same as above but at Colony	350.00	Kg	5.00	1,750.00
25	(C) Same as above but at Mines office area	70.00	Kg	5.00	350.00
26	Diamonium Phosphate (DAP) 25-30 grams per tree (ornamental, hedge and special plants) and 25-30 gms per 5 sqm of lawn area. (A) Plant	210.00	Kg	20.00	4,200.00
27	(B) Same as above but at Colony	70.00	Kg	20.00	1,400.00
28	Providing and spraying insecticide / pesticide like ROGGER and equivalent to it to the garden area as directed by manufacturer and as insisted by engineer in charge with hand spray pump of 15 liter to 20 liter capacity quarterly to the areas 450 mm high. (A) Plant	35.00	Liter	400.00	14,000.00
29	(B) Same as above but at Colony	23.00	Liter	400.00	9,200.00
30	(C) Same as above but at Mines office area	1.00	Liter	400.00	400.00
ESTIMATED SOR VALUE SECTION-II WITHOUT GST >>>					115,400.00
31	SECTION-III (NEED BASED NEW HORTICULTURE DEVELOPMENT) Carry out need based seasonal preparation by deploying required labour with tools & tackles on as and when required basis. Quantity 1 No. = 08 hour working per labour per day.	48.00	No.	327.75	15,732.00
32	Excavation in soil over areas including disposal of excavated earth within the site and lift upto 500mm, disposed earth to be levelled and neatly dressed. Remaining surplus earth shall be removed from site up to lead of 3 km.	50.00	M3	104.50	5,225.00
33	Supply, transporting, loading, unloading, spreading and filling with required earth (garden soil) in layers not exceeding 20 cm in depth including consolidation of each layer by ramming, watering, from borrowed areas.	50.00	M3	372.00	18,600.00

Sr. No.	Item Description	QUANTITY	UNIT	Rate (Rs.)	Amount (Rs.)
34	LAWN DEVELOPMENT WORK (i) Removal of debris, weedplants etc., & disposal of the same at outside premises within 3kms. area as directed by E-I-C. (ii) Supply, transportation, filling & levelling the area with mixture of various variety of garden soil, FYM well rotten cattle manure etc., as required for top layer. (iii) Watering area fully. (iv) Final leveling. (v) Planting of fine variety of carpet lawn strips at 4cm spacing, watering and rolling for pressing and final shaping. (vi) Maintenance throughout the contract period.	500.00	M2	73.05	36,525.00
35	Rehabilitation of existing damaged lawn by removing of top vegetation, weeding, removing of debris with disposal of the same out side premises within 3kms and scrapping of existing damaged lawn for laying of new carpet lawn by spreading mixture of yellow soil/garden soil and cattle manure, watering area, planting of new carpet lawn etc., complete as directed by E-I-C.	500.00	M2	68.56	34,280.00
36	ORNAMENTAL PLANTATION Plantation of various ornamental plants of minimum 3 feet height at a spacing of 3m x 3m including supply of plants as per the procedure given below:- (i) Pit digging of size (2' x 2' x 2'). (ii) Supply, transportation, filling & levelling it with mixture of various variety of garden soil, FYM well rotten cattle manure etc., as required. (iii) B.H.C. base application for termite control with B.H.C. @ 10% and Gamaxine powder etc. as per direction of E-I-C. (iv) Maintenance throughout the contract	50.00	No.	104.52	5,226.00
37	Development of flower bed with various variety of seasonal flowers @ 6" spacing including all necessary operations such as area scrapping, supply, transportation, filling & levelling with garden soil & cattle manure, watering, planting of various color flowers of about 2 feet height including maintenance throughout the contract period..	100.00	M2	313.56	31,356.00

Sr. No.	Item Description	QUANTITY	UNIT	Rate (Rs.)	Amount (Rs.)
38	HEDGE DEVELOPMENT WORK Plantation of various approved hedge-plants including supply of plants. (i) Excavation of trench of 1 feet depth and width, Supply, transportation, filling & levelling it with mixture of various variety of garden soil, FYM well rotten cattle manure etc., as required, B.H.C. base application for termite control with bhc @ 10% and Gamaxine powder etc. (ii) Plantation of different varieties of hedge plants as desided by GIPCL at distance of 8" between plant to plant (The height of hedge should be maintained 2' to 3'). (iii) Maintenance throughout the contract period.	50.00	RM	84.29	4,214.50
39	Plantation of decorative/ special trees/ specimen trees (as specified below) of minimum 4 feet height, including supplying of trees as per the procedure given below:- (i) Pil digging of size (1m x1m x1m) (ii) Supply, transportation, filling & levelling it with mixture of various variety of garden soil, FYM well rotten cattle manure etc., as required (iii) B.H.C. basic application for termite control with BHC @ 10% and gamaxine powder etc... (iv) Maintenance throughout the contract period. (List of trees mentioned in tender is just for general guideline).	51.00	No.	313.56	15,991.56
40	Same as above but plantation of desi fruit trees for green belt development as per list mentioned tender document.	621.00	No.	168.59	104,694.39
41	Supply & display of following variety decorative plants or flower / shrub in designer high quality PVC pots of approved size & design, in to various offices. Item rate is average rate which also includes maintenance throughout the contract period. Following are probable type of plants for pots for general information only. (i) Arika Palm of 4 to 5 feet height (ii) Dafan Beriya of 4 to 5 feet height (iii) Cycus Palm of 2 to 4 feet height (iv) Big leaf money plant of 4 to 5 feet height (v) English croton mix variety of 4 to 5 ft ht. (vi) Small leaf money plant of 4 to 5 feet ht. (vii) Parijat of 4 to 5 feet height (viii) Chinese Tagari of 4 to 5 feet ht. (ix) Christmas tree of 4 to 5 feet ht. (x) Mini Exora of 2 to 4 feet height (xi) Hybrid Karan of 2 to 4 feet ht. (xii) Lily Palm of 2 to 3 feet height	30.00	No.	831.67	24,950.10
ESTIMATED SOR VALUE SECTION-III WITHOUT GST >>>					296,794.55
TOTAL ESTIMATED SOR VALUE PACKAGE-I (SECTION-I + II + III) WITHOUT GST					8,565,045.19

Sr. No.	Item Description	QUANTITY	UNIT	Rate (Rs.)	Amount (Rs.)
42	PACKAGE-II (FOOD WASTE TREATMENT) Converting the daily generated food waste from industrial canteen, colony, guesthouse canteens etc... in to the manure by deploying own fully automatic food waste composter machine of appropriate daily generated food waste handling (approx. average 120 Kg per day) capacity along with all manpower, tools & tackles, necessary chemicals, required nos. of treated waste handling buckets, racks, etc... complete including operations like feeding the food waste in to process equipment with suitable chemical for converting the daily food waste in to the manure on daily basis or every alternate day, based on the quantity of daily food waste generated. First batch of manure shall be produced tentatively within 22 days cycle from the date of first operation. Second batch & onwards shall be produced continuously thereafter in line of daily or alternate day operations whichever the case may be.	24.00	Months	16,858.50	404,604.00
TOTAL ESTIMATED SOR COST OF PACKAGE-I + II WITHOUT GST >>>					8,969,649.19
Note: The quoted percentage rate on above SoR item rates will be inclusive of all labour cost, equipments, materials, supervision, consumables, tools, tackles, profit & overheads, all taxes & duties (excluding Goods & service tax). Rates shall be firm for entire duration of contract period of two years and extension up to 03 Months.					