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Percentage BoQ

Tender Inviting Authority: Executive Engineer , Subarnarekha BarrageDivision , Abas , Khasjungle , Paschim Medinipur.

Name of Work: Construction Of Cement Concrete Road for a length of 474.00 m including Replacement of Main Gate at Southern Side of Subarnarekha Barrage Project Colony at Khasjungle , Abas, P.S.Midnapore Kotwali District Paschim Medinipur.

Contract No: WBIWEE/SBD/NIT-01e/2016-17

Bidder Name :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER	TEXT #	NUMBER	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	53	55
1	Clearing compound premises of shrubs, plants, jungles etc. by cutting and removing as directed (Specific permission of Engineer-in-Charge prior to execution will be necessary). (Payment to be made on area cleared)	120.000	Sqm	11.00	1320.00	INR One Thousand Three Hundred & Twenty Only
2	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof. (a) upto 150 mm. thick	18.790	Cum	949.00	17831.71	INR Seventeen Thousand Eight Hundred & Thirty One and Paise Seventy One Only
3	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.	690.200	Sqm	11.00	7592.20	INR Seven Thousand Five Hundred & Ninety Two and Paise Twenty Only
4	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.	149.960	Cum	120.47	18065.68	INR Eighteen Thousand & Sixty Five and Paise Sixty Eight Only
5	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) (B) Do - by fine sand	196.100	Cum	533.06	104533.07	INR One Lakh Four Thousand Five Hundred & Thirty Three and Paise Seven Only
6	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.	2342.500	Sqm	25.00	58562.50	INR Fifty Eight Thousand Five Hundred & Sixty Two and Paise Fifty Only
7	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor (A) [Pakur Variety] (a) 1:3:6 proportion	2.180	Cum	5757.00	12550.26	INR Twelve Thousand Five Hundred & Fifty and Paise Twenty Six Only
8	Brick work with 1st class bricks in cement mortar (1:4) (a) In foundation and plinth	19.490	Cum	5852.00	114055.48	INR One Lakh Fourteen Thousand & Fifty Five and Paise Forty Eight Only
9	Controlled Cement concrete with well graded stone chips (20 mm graded nominal size) excluding shuttering and reinforcement with complete design of concrete as per IS : 456 and relevant special publications, submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge. Consumption of cement will not be less than 300 Kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula. In ground floor and foundation. [using concrete mixture] (a) M 20 Grade (iv) With local hard blackstone variety chips (crusher broken)	399.650	Cum	5837.00	2332757.05	INR Twenty Three Lakh Thirty Two Thousand Seven Hundred & Fifty Seven and Paise Five Only
10	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m (i) Tor steel/Mild Steel II . Other than SAIL/TATA/RINL	15.700	MT	51867.00	814311.90	INR Eight Lakh Fourteen Thousand Three Hundred & Eleven and Paise Ninety Only

11	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (f) 25 mm to 30 mm shuttering without staging in foundation	334.900	Sqm	218.00	73008.20	INR Seventy Three Thousand & Eight and Paise Twenty Only
12	Double knotted wove wire 1.2 m. height (11 bars), vertical 300 mm. apart, horizontal spacing starting from 88 mm. ending 200 mm. top and bottom wire 10g and all other intermediate and upright wire 9g. with finished border 2 ply twisted fencing including tightening and fixing the same to posts with staples at every bar including cost of cutting and of lapping joints in the net as necessary including cost of staples and wove wire. (payment to be made on the length of the finished netting work)	44.000	Mtr.	411.00	18084.00	INR Eighteen Thousand & Eighty Four Only
13	Labour for fitting wove wire or similar fencing net tightening and fixing the same to post with staples at every bar (including the cost of cutting and lapping joints in the net, the cost of staples, binding wire etc. and of labour for fixing such staples as necessary). (Payment to be made on the length of net in finished work.) (a) Net upto 1350 mm. height	44.000	Mtr.	9.97	438.68	INR Four Hundred & Thirty Eight and Paise Sixty Eight Only
14	Fixing post of iron or precast concrete by digging hole in the ground (in all sorts of soil) and embedding the same by packing the hole with cement concrete (1:3:6) (with jhama khoa. For Purulia, Bankura and Darjeeling Hill by Pakur Variety, Local Black Hard Stone & Bazree respectively) and finishing the top surface to regular shape (as directed) with 15 cm cement plaster (1:6) complete, including the cost of concrete, plaster etc. but excluding the cost of the post : (i) Average dia. of the hole 200 mm. to 300 mm. (a) Depth 450 mm. to 500 mm. (Cement 8 kg/ No)	24.000	Each	191.00	4584.00	INR Four Thousand Five Hundred & Eighty Four Only
15	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)	122.420	Sqm	86.00	10528.12	INR Ten Thousand Five Hundred & Twenty Eight and Paise Twelve Only
16	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	109.000	Sqm	19.00	2071.00	INR Two Thousand & Seventy One Only
17	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor). (ii) With 1:4 cement mortar (a) 15 mm thick plaster	166.550	Sqm	164.00	27314.20	INR Twenty Seven Thousand Three Hundred & Fourteen and Paise Twenty Only
18	Supplying of materials to site including cost of loading, carriage upto 20 km, unloading and stacking (inclusive of all taxes) as per direction of the Engineer-in-charge. (g) Moorum	145.440	Cum	540.00	78537.60	INR Seventy Eight Thousand Five Hundred & Thirty Seven and Paise Sixty Only
19	Labour for spreading moorum to proper level including hand packing and consolidation by hand roller / power roller of specified thickness in layer after watering etc. complete with necessary earthen shoulder as per direction of the Engineer-in-charge. (measurement to be made on finished work) Compaction factor 0.75	109.080	Cum	86.10	9391.79	INR Nine Thousand Three Hundred & Ninety One and Paise Seventy Nine Only
20	Extra rate over carriage of sand, moorum, boulder, stone metal, stone chips, gravel, slag metal, shingle and similar materials (a) For a distance above 20 km and up to 50 km (per km).	145.440	Cum	190.00	27633.60	INR Twenty Seven Thousand Six Hundred & Thirty Three and Paise Sixty Only
21	Taking out heavy iron grated door or window (jail pattern or existing) with locking arrangement after cutting out from walls and refixing the same including mending all damages. [Mending charges to be paid separately]	19.140	Sqm	230.00	4402.20	INR Four Thousand Four Hundred & Two and Paise Twenty Only
22	Cutting to requisite length or shape departmental R.S. joists, channels, angles, tees, plates etc. (Payment to be made on area of cut surface)	500.000	Sqcm.	8.00	4000.00	INR Four Thousand Only
23	M.S. gate of Jail type as per approved design made of strong M.S. frame work, intermediate stiffeners and round / square bars or angles. M.S. sheet (not less than 14 gauge) gussets, cleats etc. including necessary riveting, bolting, welding, locking and hanging arrangements, fitting and fixing complete as per direction of the Engineer-in-charge. In ground floor. (Portion of locking arrangement inside the wall to be paid separately)	5.750	Qntl.	8534.00	49070.50	INR Forty Nine Thousand & Seventy and Paise Fifty Only

24	Locking arrangement for Jail type doors including supplying fitting and fixing in position complete as per approved design. (Concrete to be paid extra)	18.000	Kg.	340.00	6120.00	INR Six Thousand One Hundred & Twenty Only
25	Painting with ready mixed red lead paint of approved make and brand : (b) Two coats	122.420	Sqm	59.00	7222.78	INR Seven Thousand Two Hundred & Twenty Two and Paise Seventy Eight Only
26	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly(plastered or concrete surface) as per manufacturer's specification. In Ground floor: (iii) Two coats	76.500	Sqm	53.00	4054.50	INR Four Thousand & Fifty Four and Paise Fifty Only
27	Supplying and laying chequered tiles of any shade & of approved quality with (1:1½:3) cement concrete laid in panels or patterns as directed in pavement, footpath etc. including necessary underlay 25 mm thick [avg] cement mortar (1:3) complete in all respect with all labour and materials. [Using cement slurry @ 4.4 kg/Sq.m at back side and @2.4 kg/Sq.m for joint filling] Red Variety (ii) 30 mm. thick	77.000	Sqm	563.00	43351.00	INR Forty Three Thousand Three Hundred & Fifty One Only
28	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	1.130	Cum	451.00	509.63	INR Five Hundred & Nine and Paise Sixty Three Only
29	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in- charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. Payment to be made on the basis of calculated weight of structural members only in finished work as per IS specified weight. Payment for gusset, bracket, cleat, rivets, bolts and nuts may be make by adding the actual weight of such items with the weight of finished structural members or 7% of weight for finished structural members weighing not less than 22.5 Kg. / m. or 15 % of weight for finished structural members weighing less than 22.5 Kg. / m. may be increased allow for bracket, cleat, rivet, bolts and nuts etc. and no seperate payment being made for these items, as per direction of Engineer In Charge. The rates are considered for a height of erection 8m. / 2nd floor level from the ground. Add 1.5% extra over the rate for each additional floor or 4m. beyond initial 8m. or part thereof. I) For structural members of specified sections weighing less than 22.5 Kg./m	0.374	MT	68292.00	25541.21	INR Twenty Five Thousand Five Hundred & Forty One and Paise Twenty One Only
Total in Figures					3877442.86	INR Thirty Eight Lakh Seventy Seven Thousand Four Hundred & Forty Two and Paise Eighty Six Only
Quoted Rate in Figures					0.00	INR Zero Only
Quoted Rate in Words					INR Zero Only	