Tender Inviting Authority: Executive Engineer, Zone-10, JDA, JAIPUR

Name of Work:Development of road work from Transport nagar to Sadwa mode Zone-10 area, JDA Jaipur - misc. works both east and west side (ARC)



Contract No: EE10/08/2015-16

Bidder Name: Excess (+)



SCHEDULE OF WORKS

SI. No.	Description of work	No. or Qty.	Unit	Estim	Estimated Rate	
				Figure	Words	Rs. P
1.00	Supply & fixing of M-20 grade precast cement concrete Kerb or Dand upto 60 cm length over 20 mm thick base of cement mortar 1:6 including jointing earth work, painting & jointing with cement mortar 1:4 of size (20 x 25) / 2 x 30 cm	3000 000	Rmt.	350.00	Rupees Three Hundred & Fifty Only	1050000.00
2.00	Providing and fixing of precast concrete interlocking blocks of M 30 grade 60mm thick manufactured from fully computerised automatic stationery hydraullic vibropressed machine and fully computerised automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead, Lifts and taxes. General specification of blocks: 1) Shape as defined by Engineer incharge 2) Tensile splitting strength and braking load as per BS 6717:2001 3) Color: Grey cement natural colour 4) Variation in dimension: Less than 1.6mm. 5) Variation in thickness: Less than 3.2mm 6) Abrasion: As per BS: 6717:2001	3000.000	sqm	375.00	Rupees Three Hundred & Seventy Five Only	1125000.00
3.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	1446.000	sqm	44.00	Rupees Forty Four Only	63624.00
4.00	Earthwork in excavation for structures as per drawing and MoRD specification Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. Ordinary soil, upto 3 m deoth.	10351.000	cum	124.00	Rupees One Hundred & Twenty Four Only	1283524.00
5.00	Providing and laying Precast reinforced cement concrete Box culvert section of M-40 grade designed for 'AA' class loading as per IRC specifications including to effect of impact, EQ etc. complete on form base of 200mm thick lean concrete of M-10 grade with aggregate of size 40mm nominal of following internal size the work includes required safety measures construction of drain for diversion of flowing water cost of design of RCC Precast Box and its proof checking from IIT/MNIT Jaipur complete in all respect as per specifications 1.50 mtr X 1.50 mtr.	35.000	Rmt	27673.00	Rupees Twenty Seven Thousand Six Hundred & Seventy Three Only	968555.00

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SI. No.	Description of work	No. or Unit Qty.		Estin	AMOUNT Rs. P	
		,-		Figure	Words	
6.00	Providing and fixing of Reinforced Ferro cement Drain cover designed for class "AA" loading duly marked on cover with adequate steel reinforcement having thickness 75 mm to 150 mm anti- corrosive bitumen painted M.S. plate Rim and on M.S. lifting hooks admixture like plasticizer bond improving compound shrinkage resistance compound abrasion resistant complete as per approved design etc. for drain Opeining Size 451 to 700 mm Standard Drain Cover Size 1000mm x 800mm x 100mm	50.000	Sqm	1755.00	Rupees One Thousand Seven Hundred & Fifty Five Only	87750.00
7.00	Providing and fixing of Reinforced Ferro cement Drain cover designed for class "AA" loading duly marked on cover with adequate steel reinforcement having thickness 75 mm to 150 mm anti- corrosive bitumen painted M.S. plate Rim and on M.S. lifting hooks admixture like plasticizer bond improving compound shrinkage resistance compound abrasion resistant complete as per approved design etc. for drain Opeining Size 701 to 1200 mm Standard Drain Cover Size 1500mm x 600mm x 125mm	52.000	sqm	2235.00	Rupees Two Thousand Two Hundred & Thirty Five Only	116220.00
8.00	Removing and Refixing of Pre cast kerb stone obtained from site and fixing at as per direction of Enginer-in-charge over 100mm thick C.C. 1:4:8 and jointing of kerbs with cement mortar 1:4 including cost of loading unloading transporting and curing complete in all respect as per direction of Engineer-in charge.	500.000	Rmt	40.00	Rupees Forty Only	20000.00
9.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and MoRD specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 10 Nominal mix 1:3:6		cum	2940.00	Rupees Two Thousand Nine Hundred & Forty Only	1334760.00
10.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and MoRD specifications Clause 802, 803, 1202 & 1203 P.C.C. grade M 20 Nominal mix (1:2:4)		cum	3485.00	Rupees Three Thousand Four Hundred & Eighty Five Only	209100.00
11.00	Stone masonry work in cement mortar in foundation complete as per drawing and MoRD specifications Clauses 702, 704, 1202 & 1203.Random Rubble Masonry In 1:4 cement mortar	225.000	cum	2165.00	Rupees Two Thousand One Hundred & Sixty Five Only	487125.00
12.00	Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding: Old work (One or more coats).		sqm	15.00	Rupees Fifteen Only	37500.00
13.00	Supply & Stacking good earth at site complete including loading unloading & transporation etc.	200.000	cum	150.00	Rupees One Hundred & Fifty Only	30000.00

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SI. No.	Description of work	No. or Qty.	Unit	Estim	AMOUNT Rs. P	
			-	Figure	Words	
14.00	Providing and laying in position Ready mix concrete manufactured in fully automatic Batching Plant and transported to site in transit mixer for having continous agitated mixer, manufactured as per approved mix design of specified grade of RCC work including pumping of R.M.C. from transit mixer to site of laying, exculding the cost of centering, shuttering and reinforcement with all lead and lift including cost of admixtures in recommended portion 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 floor V floor M20 grade Design Mix by using min 400 Kg of cement per cum of concrete	1039.600	Cum	4336.00	Rupees Four Thousand Three Hundred & Thirty Six Only	4507705.60
15.00	Add extra for providing richer mixes respectively at all floor levels providing M-25 grade concrete by using min 410 kg of cement per cum instead of M-20 grade design mix.	400.000	Cum	57.00	Rupees Fifty Seven Only	5700.00
16.00	Add extra for providing richer mixes respectively at all floor levels Providing M-30 grade concrete by using min 420 kg of cement per cum instead of M-20 grade design mix.		Cum	115.00	Rupees One Hundred & Fifteen Only	108054.00
17.00	Centering and Shuttering with plywood or steel sheets including strutting, propping bracing both ways and removal of formwork for foundation, footings, strap beam, raft, bases of columns etc.		Sqm	110.00	Rupees One Hundred & Ten Only	110000.00
18.00	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Walls (any thickness) including attached pilasters, buttresses plinth and string course.	4698.000	Sqm	201.00	Rupees Two Hundred & One Only	944298.00
19.00	Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.		Sqm	236.00	Rupees Two Hundred & Thirty Six Only	238950.00
20.00	Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. Thermo-mechanically Treated bars (Conforming of relevent IS code)	107194.400	kg	69.00	Rupees Sixty Nine Only	7396413.60
21.00	Plastering with cement mortar (1:4)20 mm thick on stone work.	750.000	Sqm	120.00	Rupees One Hundred & Twenty Only	90000.00

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				Figure	Words	
22.00	Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding: New work (Two or more coats applied @ 3.84 kg/10 sqm).	1500.000	Sqm	37.00	Rupees Thirty Seven Only	55500.00
23.00	Painting with Aluminium paint of approved brand and manufacture to give an even shade: Two or more coats on new work		Sqm	37.00	Rupees Thirty Seven Only	44400.00
24.00	Cutting of branches of trees shrubs and trimming of grass and weeds. Trimming of grass and weeds from the shoulders/berms and dispsing off the same to suitable locations as per MoRD specification clause 1914	10000.000	Sqm	1.00	Rupees One Only	10000.00
25.00	Supply of 'L' type bollard made out of 1.25 mm thick M.S. sheet height 134 cm, welded in circular type ring section having upper dia 15 cm. and lower dia 21 cm with another attachment of 15 x 15 cm circular section with 15 cm. face plate and hold fast at bottom, wholde body is precessed in white stoving enamel and red reflective 3 hands, each of 7.5 cm end one reflective sheet of 15 cm. dia provided to it complete in all respect.	10.000	Each	1595.00	Rupees One Thousand Five Hundred & Ninety Five Only	15950.00
26.00	Supplying of Cat's Eye made of aluminium alloy size 75x100x22 mm having 21 biconvex lenses embedded in circular disk of ABS plastic on each side.	4000 000	Each	200.00	Rupees Two Hundred Only	200000.00
27.00	Suppy of swiss type Bollard made out of 1.25 mm thick M.S. sheet, total height 135 m, the lower portion is made in tapered circular section having upper dia 15 cm and lower dia 20 cm with attachment of one mandatory plate 7 mm thick M fixed with the help of 7 cm long, 30 mm dia crome plated M.S. tube this part is fixed on the body with another attachment of a cap 30 x 7 cm. whole body is processed in black stoving enamel and mandatory plate in Azure blue, with one compulsory keep left arrow with 10 mm border reflective strip each of 7.5 cm on body complete in all respect.	50.000	Each	1835.00	Rupees One Thousand Eight Hundred & Thirty Five Only	91750.00
Total Est	timated Cost in Figures		1			20631879.20
Quoted A	Amount				20631879.20	20631879.00
Quoted F	Rate in Words	Rupee			Lakh Thirty One Seventy Nine O	