



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LTD.

(Govt. of M.P. under taking)

PWD Office Campus, in front of Navneet Tower Greater Kailash Road,
Old Palasia, Indore (M.P.) **Tale Fax : +91-731-2495070**

E-mail : divrdcind-mp@nic.in.

No. /MPRDC/2010

Indore, Dated

WORK ORDER

To,

M/s Rathor construction,
A-IV Class Contractor,
92-Pratap Nager
Ratlam (M.P.)

**Sub : Tender for Reconstruction Cap & Slab of C.D. at km. 46.750 on
Badnawar-Thandla Road SH-18.**

P.A.C. Rs. 7.23 Lacks.

Ref : 1. This Office Letter No. 893/MPRDC/2010 Indore Dated 27-07-2010.

2. Agreement No. 01/2010-11.

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Dear Sir,

Percentage rate tender submitted by you @ 9.00% (Nine Point Zero Zero Percentage) below S.O.R. of Road & Bridge work, issued by Engineer-in-Chief M.P. PWD, Bhopal in force from 15-04-2009 and amendment up to date, has been accepted by the this office on behalf of Governor of M.P.

You have also signed the agreement, hence commence the work and complete the same within stipulated period of 3 Month (Three Month) including rainy season from the date of issue of this work order please.

Encl.: 1 Schedule.

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Divisional Manager
MPRDC Ltd. Indore

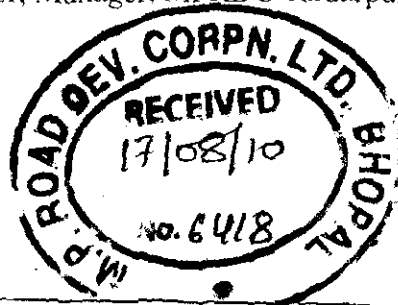
Endt. No. ... *984* /MPRDC/2010

Indore, Dated *12/08/2010*

Copy to:-

- 1 The Chief Engineer, MPRDC, 16-A, Arera Hills Bhopal for information please.
- 2 The DGM (MIS) MPRDC, Bhopal for information. Please upload this work order in MPRDC website.
- 3 Shri B.C. Tentwal, AGM, MPRDC Indore for information & necessary action please.
- 4 Shri J.S. Damor, Manager, MPRDC Sardarpur for information & necessary action please.

Encl.: 1 Schedule.



Shri J.S. Damor
Divisional Manager
MPRDC Ltd. Indore

1402/1200
18/08/10

Schedule for Reconstruction of minor bridge at Ch. 46+750,
at Ch. 46+750, on Badnawar to Thandla Road

PAC Rs. 7.23 Lacs

S. No.	SOR No.	Item of Work	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	2.3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead upto 1000 metres and as per relevant clauses of section-200 in				
	(f)	Concrete				
	a)	Lime Concrete, cement concrete grade M-10 and below	3.2	Cum	166	531.2
	b)	Cement Concrete Grade M-15 & M-20	20	Cum	191	3820
2	2.5	Providing and laying Plain/Reinforced cement concrete in sub-structure or complete RCC Box section as per drawing and technical specifications and as per relevant clauses of sections 1500, 1700 & 2200 in (Height above average ground level)Providing and laying Plain/Reinforced cement concrete in sub-structure A.PCC Grade M-20 a) Height upto 5m cum				
		Abutment cap	4.2	cum		
		Abutment Dirt wall	3	cum		
		Return	10.88	cum		
			18.08	cum	3567	64491.36
3	2.6	Supplying, fitting and placing HYSD bar reinforcement in substructure complete as per drawing and technical specifications and as per relevant clauses of sections 1600.				
		Abutment cap	0.091035			
		Abutment Dirt wall	0.065025			
		Return	0.235824			
			0.391884	M.T.	44344	17377.70
4	2.9	Providing Back filling behind abutment, wing wall and return wall with Granular Material complete as per drawing and Technical specification and as per relevant clauses 305 of specifications and as per appendix 6 of IRC-78	153		415	63495.00
5	2.15	Providing and fixing in position bituminous paper bearing for slabs as per approved drawing and confirming to IS:1398.				
		Abutment	8		43	344.00
6	3.1	Providing and laying Reinforced/ Prestressed cement concrete in superstructure as per drawing and Technical Specification and as per relevant clauses of sections 1500, 1700 and 2300 in C RCC Grade M 30 (i) For solid slab a) Hight upto 5m.				
		Deck	17.1			
		Kerb	1.254			
			18.354		4641	85180.91
7	3.2	Supplying fitting and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications as per relevant clauses of section 1600 of specifications.	1		44976	44976.00

S. No.	SOR No.	Item of Work	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
8	3.5	Providing and laying 12 mm thick mastic asphalt wearing course on top of deck slab excluding prime coat with paving grade bitumen meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 9.5 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces not less than 100 deg. C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 515 and 2702 of specifications..	99	Sqm	190	18810.00
9	3.7	Construction of RCC railing of M30 Grade in-situ with 12 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications and as per relevant clauses of sections 1500, 1600, 1700 and clause 2703 of specifications (as per MOST specification drawing SD/201 or SD/304)	22	RM	1167	25674.00
10	3.9	Providing Drainage Spouts complete as per drawing and Technical specification and as per clause 2705 of specifications.			722	2888.00
11	3.10	Providing PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification and as per relevant clauses of section 1700.	6.48	Cum	3117	20198.16
12	3.11	Providing and laying Reinforced cement concrete approach slab in M-25 grade concrete including reinforcement and formwork complete as per drawing and Technical specification and as per relevant clauses of section 1500, 1600, 1700 and clause 2704 of specifications.	4.32		6059	26174.88
13	3.15	Providing and laying of asphaltic plug joint to provide for horizontal movement of 25 mm and vertical movement of 2 mm, depth of joint varying from 75 mm to 100 mm, width varying from 500 mm to 750 mm (in traffic direction), covered with a closure plate of 200mm x 6mm of weldable structural steel conforming to IS: 2062, asphaltic plug to consist of polymer modified bitumen binder, carefully selected single size aggregate of 12.5 mm nominal size and a heat resistant foam caulking/backer rod, all as per approved drawings and specifications, and as per relevant clauses of section 2600.	20	RM	819	16380.00
14	3.13	Providing and laying a burried expansion joint, expansion gap being 20 mm, covered with 12 mm thick, 200 mm wide galvanised weldable structural steel plate as per IS: 2062, placed symmetrical to centre line of the joint, resting freely over the top surface of the deck concrete, welding of 8 mm dia. 100 mm long galvanised nails spaced 300 mm c/c along the centre line of the plate, all as specified in clause 2604.	20	RM	6329	126580.00
15	3.14	Filler joint				
	ii)	Providing & fixing 20 mm thick & 25cm deep compressible fibre board in expansion joint complete as per drawing & Technical Specification and as per relevant clauses of section 2600	9	Sqm	272	2448.00
1	2.2	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness if required and as per relevant clauses of section-200.				
	a)	In area of light jungle	0.07	Hect.	19095	1336.65
2	3.1	Excavation for roadway in soil including loading in truck for carrying of cut earth to embankment site with all lifts and lead upto 1000 metres and as per relevant clauses of section-300	420	m3	69	28980

S. No.	SOR No.	Item of Work	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
3	3.11	Construction of embankment/subgrade with approved material/selected soil having CBR >5 (Unless specified otherwise in the contract) obtained from excavation of borrow pits i/c all lifts & leads upto 250 M. i/c grading to required slope & camber and compacting using vibratory roller of 80 to 100 kN static weight to meet requirement of Table 300.1, 300.2 and as per relevant clause of section 300.	350	m3	134	46900
4	4.1	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with on prepared surface, mixing by mix in place method at OMC, and compacting with vibratory roller to achieve the desired density, complete in all respect and as per relevant clauses of section-400				
	i)	for grading- I Material	84	m3	505	42420
5	2.17	Providing and Laying Reinforced cement concrete pipe NP4/prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets and as per relevant clauses of section-2900				
	a)	1000 mm dia	15		5571	83565
					Total Rs.	722570.87

Manager
MPRDC Indore

Assistant General Manager
M. P. R. D. C. Indore

Divisional Manager
MPRDC Indore