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No. KRDCCL/IFB/2016-17/34/02

Dated: 05.04 .2016

**CORRIGENDUM - III**  
(on e-procurement basis)  
(Replies to the queries raised during pre bid meeting)

SUB: "IMPROVEMENT TO JATH - JAMBOTI (SH-31) ROAD FROM KM 0.000 TO KM 101.000 AND FROM KM 101.000 TO KM 137.500 IN BELGAUM DISTRICT (IN SELECTED STRETCHES)" UNDER EPC CONTRACT.

REF: INVITATION FOR BIDS VIDE NO.KRDCCL/IFB/2015-16/34 DATED 24.02.2016 APPEARED IN THE HINDU AND SAMUKYTA KARNATAKA ON 03.03.2016

In continuation of the above referred notification no.34 dated 24.02.2016 for the captioned work, the modifications for the following is depicted as detailed below:

Sl.No.	Reference	AS PER NOTIFICATION NO.KRDCCL/IFB/2015-16/34 DATED 24.02.2016	SHALL BE READ AS / CORRECTED AS
1.	Contract Data, Page 49	Price Adjustment - Bitumen. The official rate of bitumen at the IOC/HPCL/BPL. Request to add MRPL to the list.	MRPL is also considered.
2.	Contract Data, Page 50	Price Adjustment - Plant & Machinery. For the application of this clause index of heavy machinery and parts has been chosen to represent the plant and machinery spares group. Request to mention construction machinery as chosen index.	Construction machinery is the chosen index.
3.	Contract Data, Page 49	Any discount in procurement of bitumen, fuel and lubricants shall be to client's account. Contractor shall have to submit copy of invoices towards procurement of both fuel and lubricant duly signed by Engineer-in-charge of site and client. Discount should be applied to the basic price of bitumen	RFP Condition applies.

		based on the invoice of the supplier. In other projects discount is being applied only for the current invoices and not to the basic invoice.		
4.	Technical Specifications	Bus Shelters are proposed. Bus shelters are not included in the BOQ.	Bus Shelters are included in the BOQ along with bus bays.	
5.	Technical Specifications, 12.4	Safety Measures. Solar blinkers may please be deleted. Payment is being made for these safety measures in other projects during construction period.	RFP Condition applies. No payments will be made towards this and are considered as incidental and deemed to be considered in the contractors quotes.	
6 & 7	Technical 507.9	<b>Rate</b> The contract unit rate shall be as specified in Clause 505.9, except that the rate shall include the provision of bitumen, at 5.2 and 5.4 percent by weight of the total mixture for grading 1 and grading 2 respectively. The variation in actual percentage of bitumen used (based on the approved mix design) will be assessed and the payment adjusted plus and minus accordingly.	<b>Rate</b> The contract unit rate shall be as specified in Clause 505.9, except that the rate shall include the provision of bitumen, at 5.5 and 6.0 percent by weight of the total mixture for grading 1 and grading 2 respectively. The variation in actual percentage of bitumen used (based on the approved mix design) will be assessed and the payment adjusted plus and minus accordingly.	
8.	Structures 6 Drawing	Widening of pipe culverts. - If the diameter of the existing pipe is different, should we widen with the proposed diameter; or with the existing diameter.	As indicated in clause 7.7 (iii) of SP:73-2015 -"Existing culverts of diameter 900mm and above, which are in sound condition and functioning satisfactorily, may be extended, using pipes of same diameter. The widening shall match with the existing diameter.  Further, the widening of pipe culverts shall be achieved through self locking pipes (with male and female joints), wrapped with jute and grouted with cement. Specifications as in MORTH Clause 2906 shall apply.	
9.	Structures 11 Drawing	Construction of slab bridge - Bridges are being constructed under KSHIP on the overlap section of Mudhol-Nippani Road	In this length the bridges need not be constructed. It is basically Do-Nothing in this length.	
10.	Structures 15 Drawing	Widening of slab bridge - Lift gates are installed by Irrigation Department. What about provisions for these gates, while widening.	The widening proposed in this length is eccentric and aligned with the horizontal alignment and without disturbing the existing lift gates. Revised drawing is enclosed.	
11.	Structures 20 Drawing	Widening of slab bridges. - How to widen the bridges, if pipe is present on one side of the existing bridge, and slab is present on the other side.	In such cases, existing pipe shall be dismantled and widening shall be done with slab bridge.	
12.	Bill of Quantities, Item 31, 64	Construction of cement concrete kerb with top and bottom width 115mm and 165mm respectively, 250mm high in M20 grade PCC on M-10 grade foundation 150mm thick,	Construction of cement concrete kerb with top and bottom width 115mm and 165mm respectively, 250mm high in M20 grade PCC on M-10 grade foundation 150mm thick, foundation using 50 mm	

	& 91	foundation using 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per drawings including all lead and lifts, formwork, curing, cost of all materials, labour, hire charges of machineries, loading, unloading, transporting etc., complete and in accordance as per latest MORTH specifications No.409 and as directed by Eng-In-Charge.	projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per drawings including all lead and lifts, formwork, curing, cost of all materials, labour, hire charges of machineries, loading, unloading, transporting etc., complete and in accordance as per latest MORTH specifications No.409 and as directed by Eng-In-Charge. Using <b>Concrete Batching &amp; Mixing plant</b>
13.	Bill of Quantities, Item 35	5 <sup>th</sup> Kilometre Stone - Quantity in Decimals	5 <sup>th</sup> Kilometre Stone - Quantity is 20 No.
14.	Bill of Quantities, Item 36	Kilometre Stone - Quantity in Decimals	Kilometre Stone - Quantity is 83 No.
15.	Bill of Quantities, Item 37	200m Stone - Quantity in Decimals	200m Stone - Quantity is 401 No.
16.	Bill of Quantities, Item 46 & 97	Providing, supplying and installation of Delineators (hazard markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80x100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed in to the ground and conforming to IRC -79 as per drawings, including all lead and lifts, cost of all materials, labour, loading, unloading, transporting etc., complete in accordance with latest MORTH Technical Specification Clause 806 and as directed by Eng-In-Charge.	Providing, supplying and installation of Delineators (hazard markers), 80 cm high above ground level, painted black and white in 15 cm wide strips, fitted with <b>80x100 mm rectangular</b> reflectorised panels at the top, buried or pressed in to the ground and conforming to IRC -79 as per drawings, including all lead and lifts, cost of all materials, labour, loading, unloading, transporting etc., complete in accordance with latest MORTH Technical Specification Clause 806 and as directed by Eng-In-Charge.
17.	Bill of Quantities, Item 48	Providing and Laying Plain cement concrete M15 (1:2:4) in <b>head wall</b> for Guard Post with OPC cement @240Kgs with 40mm and down size graded granite/basalt/trap metal coarse aggregates @0.84cum and fine aggregates @0.56cum, as per drawing, including all lead and lifts, cost of all materials, formwork, centring, vibrating, compacting, hire charges for all machinery, loading, unloading, transporting, stacking, curing, finishing the exposed faces etc., complete and in accordance with latest MORTH Technical Specification 1500,1700 & 2200. and as directed by Eng-In-Charge.	Providing and Laying Plain cement concrete M15 (1:2:4) in <b>wall</b> for Guard Post with OPC cement @240Kgs with 40mm and down size graded granite/basalt/trap metal coarse aggregates @0.84cum and fine aggregates @0.56cum, as per drawing, including all lead and lifts, cost of all materials, formwork, centring, vibrating, compacting, hire charges for all machinery, loading, unloading, transporting, stacking, curing, finishing the exposed faces etc., complete and in accordance with latest MORTH Technical Specification 1500,1700 & 2200. and as directed by Eng-In-Charge.
18.	Bill of Quantities, Item 52	Road Studs - Quantity in Decimals	Road Studs - Quantity is 7788 No.
19.	Bill of	-For Bus Bay	-For Bus Bay including bus shelters

	Quantities, Item 69 to 78		
20.	Bill of Quantities, Item 97	Street Lights - Quantity in Decimals	Street Lights - Quantity is 10 No.
21.	Bill of Quantities, Item 161	Temporary Diversion of Roads - Quantity is in Cum.	Temporary Diversion of Roads - Quantity is in No and Quantity is 223 No.
22.	Bill of Quantities, Item 162	Dismantling of Culverts - Quantity is in Cum.	Dismantling of Culverts - Quantity is in No and Quantity is 163 No.
23.	Bill of Quantities, Item 163	Tar Paper for Slab Culverts - Quantity is in Cum.	Tar Paper for Slab Culverts - Quantity is in Sqm and Quantity is 718.5 Sqm.
24.	Bill of Quantities, Item 166	M25 Concrete in Foundation - Quantity is in Rmtr.	M25 Concrete in Foundation - Quantity is in Cum and Quantity is 5325 Cum.
25.	Bill of Quantities, Item 167	M25 Concrete in Substructure - Quantity is in Rmtr.	M25 Concrete in Substructure - Quantity is in Cum and Quantity is 5007 Cum.
26.	Bill of Quantities, Item 169	Pre moulded Joint filler - Quantity is in Cum.	Pre moulded Joint filler - Quantity is in Rmtr and Quantity is 1229 Rmtr.
27.	Bill of Quantities, 170	Weep holes - Quantity is in Cum	Weep holes - Quantity is in Rmtr and Quantity is 1893 Rmtr.
28.	Bill of Quantities, 172	Filter Media - Quantity is in MT	Filter Media - Quantity is in Cum and Quantity is 2347 Cum.
29.	Bill of Quantities, 173	Approach Slab - Quantity is in No.	Approach Slab - Quantity is in Cum and Quantity is 621 Cum.
30.	Bill of Quantities, 175	Steel - Quantity is in Cum	Steel - Quantity is in MT and Quantity is 1508 MT.
31.	Bill of Quantities, 176	Drainage Spouts - Quantity is in Cum	Drainage Spouts - Quantity is in No and Quantity is 137 No

32.	Bill of Quantities, Item 178	M15 Concrete for Curtain Walls - Quantity is in Rmtr.	M15 Concrete for Curtain Walls - Quantity is in Cum and Quantity is 1420 Cum.
33.	Bill of Quantities, Item 179	RCC Crash Barrier - Quantity is in Cum.	RCC Crash Barrier - Quantity is in Cum and Quantity is 2135 Cum. Grade of Concrete is M 40.
34.	Bill of Quantities, 181	Precast Hand Railing - Quantity is in Cum.	Precast Hand Railing - Quantity is in Rmtr and Quantity is 980 Rmtr.
35.	Bill of Quantities, 182	Approach Slab - Quantity is in Sqm.	Approach Slab - Quantity is in Cum and Quantity is 23 Cum.
36.	Bill of Quantities, 183	Elastomeric Bearing- Quantity is in Each.	Elastomeric Bearing - Quantity is in Cubic cm and Quantity is 312000 CC.
37.	Bill of Quantities, 184	Flexible Apron- Quantity is in Each.	Flexible Apron - Quantity is in Cum and Quantity is 3832 Cum.
38.	Bill of Quantities, Item 185	Tar Paper for Bridges - Quantity is in Each.	Tar Paper for Bridges - Quantity is in Sqm and Quantity is 1150 Sqm.
39.	Bill of Quantities, Item 186	Temporary Diversion of Roads - Quantity is in Sqm.	Temporary Diversion of Roads - Quantity is in No and Quantity is 13 No.


All other terms and conditions remain unaltered.

**Note:**

"Tender document & Bill of Quantities etc., up loaded shall be read in conjunction with the Corrigendum -I, II, III & IV issued - Bidders are informed to quote accordingly"

- *Please note henceforth, any changes in the schedule will not be published through New papers and further changes will be updated only on e-portal/KRDCL Website.*

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6/4/16  
  
 CHIEF ENGINEER  
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