

कार्यालय कार्यपालन यंत्री  
नया भोपाल संभाग लोक निर्माण विभाग,भोपाल

Web Site : [www.mp.gov.in.pwdmp](http://www.mp.gov.in.pwdmp) Email:- [eepwdnewbpl@mp.nic.in](mailto:eepwdnewbpl@mp.nic.in) Phone No :- 0755-2777461

निविदा संशोधन पत्र


इस कार्यालय द्वारा जारी निविदा विज्ञप्ति क्रमांक- **05**/व.ले.लि./निविदा/2026-27 दिनांक 12.05.2026 **E-Tender No 2026\_PWDRB\_506963\_1** में निम्नलिखित संशोधन किया जाता है जिसका विवरण निम्नानुसार है:-

**Name of work:-** Road Marking, Missing Studs/Delineators and Other works on Various Roads Under M-3 Sub Division PWD Bhopal.

Read as below :-

New Schedule of item file attached

“निविदा की अन्य शर्तें यथावत रहेंगी” ।

  
कार्यपालन यंत्री  
नया भोपाल संभाग,लो.नि.वि.  
भोपाल  
15/5/26

## SCHEDULE OF ITEMS

**Name of Work:** - Road marking Missing Studs/Delineators and other works on Various Roads under Sub Division No.3 P.W.D, New Division, Bhopal(M.P.P.W.D Road & Bridge SOR.11.04.2025)


*PAC :- 25.00 lacs*

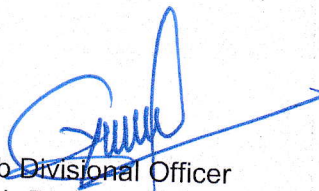
*Time :- 6 months*

S No.	Particulars	Qty.	Unit	Rate	Amount
1.	Road Markers/Road Stud with Lense Reflector Providing and fixing single mound twin shanked molded Road Markers/Road Stud made of poly carbonate or ABS body and shall support a load of 13635 Kg tested in accordance to ASTM D 4280 and complying to specifications of Section-5 of IRC:35-2015 and clause 804.2.2 of MORT&H and Section-5 of IRC:35-2015. Here reflecting panels shall consist of number of lenses containing single or dual prismatic cubes capable of providing total internal reflection of the light entering the lens face. The slope or retro-reflecting surface should be 35 + 5 degree to base. The reflective marker shall be fixed to the road surface using the epoxy/ adhesives and the procedure recommended by the manufacturer. No nails shall be used to affix the markers so Cubes capable of that they do not pose safety hazard on the road.. The contractor shall submit a two year replacement warranty. for satisfactory field performance including stipulated retro-reflectance of the reflecting panel. (Sor Item no.8.21)	1000 Nos.	Each	309.00	309000.00
2.	Providing and Fixing of Median Marker that are made of tough, high impact resistant, injection-molded, thermoplastic body with anisosceles trapezoidal structure of length, width and height not less than 15cm, 10cm and 10cm respectively and thickness not less than 1.8mm, the body structure shall be rounded at its acute angle, all the corners and edges. The plastic used for molding the Median Marker shall have a minimum Notched Izod Impact strength value of 600J/m at room temperature, when tested in accordance with ASTM D256 and shall retain at least 70% of this value when subjected to accelerated weathering for 1000hrs as per ASTM G155 or UL746C. The logo of the manufacturer shall be embossed on either side of the body in the injection molding process. The Median Marker shall have rectangular-shaped, fluorescent yellow color retro-reflective sheeting of size not less than 8.5cm*8.5cm and with fully reflective micro prismatic cube corners as its retro-reflective elements as per IRC 67 2022 and ASTM D4956 type XI specifications reflectivity values. The retro-reflective sheeting shall be on one or both sides of the Median Marker and shall be edge protected with no exposed edges which will prevent edge lifting, vandalism, sheeting damage, etc. The Median Marker shall be fixed by a combination of epoxy adhesive and grouting. (Make-3M / AVERY DENNISON/ ORAFOL. (Sor Item no.8.	250 Nos.	Each	300.00	75000.00
3.	Providing and fixing of Rumble Strip made up of TPU polyurethane (PU) Material size 500L x 100W x 15H mm and fixing of Rumble Strip in Bituminous grout/ Epoxy and Screwing the same with M.S Screw 15 x 100 mm etc. i/c removing asphalt at the site, Material, labour for fixing grouting and for controlling traffic during fixing etc. complete. (SOR Item no.8.56)	263 Rmt.	Rmt.	1650.00	433950.00
4.	Overhead sign Board Providing and erecting work overhead signs made of high intensity Micro-Prismatic Grade Sheeting (Type IV/ Type XI) vide IRC:67:2012 clause 6.7.3.2 and clause 801.3.3 of MoRT&H fixed over Aluminum composite material sheet with thermoplastic core of Low density polyethylene (LDPE) between two thick skins/sheets of aluminum with overall thickness of 4mm and aluminum skin of thickness 0.3 on both side, the ACM shall conform to Table 6.1 of IRC:67:2012 and Table 800-1 of MoRT&H specification and High Intensity Micro Prismatic Grade Sheeting shall conform to Table 6.6 of	1 No.	Each	630000.00	630000.00

	<p>IRC:67:2012 and Table 800-3 of MoRT&amp;H specification of in the clause IRC 6.8of the IRC 67-2012 and clause 801.3.7 of MoRT&amp;H message legend numerical letter etc. and borders shall be screen printed on high intensity micro prismatic sheeting shall conform to clause801.3.7 with digital printing ink or of cutout from transparent durable overlay or cutout from the same type of reflecting sheeting for overhead board supported on MS Vertical post of pipe of 300 mm NB (325 OD) x 5 mm thick pipe x 6 meter length two Post and fix to ground by means of properly designed foundation of dimension 1000x1000x2500 mm with M25 grade concrete including Iron bar 16mm &amp; 12 mm. overhead structure made of 48 OD &amp; 42 OD NB Pipes, Medium Class. The board shall be riveted on M S angle frame 32 x 32 x3 mm and clamped by flats as required to hold them rigidly in position and type as per structural design requirement and approved plans. The post frame and other steel parts shall be painted by one coat of steel primer and two coats of epoxy paint as per IRC 67-2012. 7 years warranty for Type IV sheet/ 10 years warranty for Type XI Retro Reflection Sheeting to be provided from the original sheeting manufacture brand like 3M/Avery Dennison/ Orafol Make as per clause 6.9 of IRC: 67:2012 &amp; a certified copy for three years for outdoor exposure report from an independent test lab as per clause 6.7 of IRC: 67:2012 for the product offered shall be submitted by the contractor. Note:- Manufacture name and date of manufacture is to be printed (Embossed) at the backside of the board. (Sor Item no.8.16)</p>				
	(B) Structure steel work including panting and erection installation etc.complete (L.S)	4Tonne	Tonne	110000.00	440000.00
	(D) Information Board including provision of base frame Type XI reiftro reflection sheeting. 1x2x 5x1.8 =36 Sm	18 Sqm	Sqm.	12000.00	216000.00
	A) Foundation work i.e. excavation, M 25 grade concrete, reinforcement shell be paid vide relevant item. Providing and laying Plain/Reinforced cement concrete as per drawing and technical specifications and as directed by Engineer-in-charge.(Sor Item no.10.71) (vi) RCC Grade M25	10 Cum	Cum	4648.00	46480.00
5.	Direction and Place Identification signs more than 0.9 sqm size board. Providing and fixing of retro-reflectorised cautionary, mandatory and inforamatory sign board as per IRC 67-2012 made of high intensityMicro-Prismatic Grade Sheeting (Type XI) vide IRC:67:2012 clause 6.7.3.2 and clause 801.3.3 of MoRT&H fixed over Aluminum composite material sheet with thermoplastic core of Low density polyethylene (LDPE) between two thickskins/sheets of aluminum with overall thickness of 4mm and aluminum skin of thickness 0.3 on both side, the ACM shall conform to Table 6.1 of IRC:67:2012 andTable 800-1 of MoRT&H specification and High Intensity Micro Prismatic Grade Sheeting shall conform to Table 6.6 of IRC:67:2012 and Table 800-3 of MoRT&H specification of in the clause IRC 6.8ofthe IRC 67-2012 and clause 801.3.7 of MoRT&H message legend numerical letter etc. and borders shall be screen printed on high intensity micro prismatic sheeting shall conform to clause801.3.7 with digital printing ink or of cutout from transparent durable overlay or cutout from the same type of reflecting sheeting for cautionary/	10.8 Sqm	Sqm	19950.00	215460.00

6.	<p>mandatory/ signs, supported on 2 nos. of MS sign post of size 100 x100 x 3mm Square Pipe of 3.60 meter over all length and fix to ground by means of properly designed foundation of dimension 450x450x600mm with M20 grade concrete. The ACM sheet shall be fixed to the post with four minimum four number breakaway bolts. &amp; supported with a back support frame of 25x50x1.25mm tubular frame with the help of suitable sizes pop rivettes of 6mm or by the help of G I / NickleChome plated nut &amp; bolts to be hammered after tightening. 10 years warranty for Retro Reflection Sheeting to be provided from the original sheeting manufacture brand like 3M/Avery Dennison/ Orafol Make as per clause 6.9 of IRC: 67:2012 &amp; a certified copy for three years for outdoor exposure report from an independent test lab as per clause 6.7 of IRC: 67:2012 for the product offered shall be submitted by the contractor.</p> <p>Note:- Manufacture name and date of manufacture is to be printed (Embossed) at the backside of the board. (Sor Item No.8.9)</p> <p>10 Nos. x1.2 x 0.9 = 10.8 Sqm</p> <p>Supplying and installation road delineators (road way indicators).as per MORT&amp;H Clause 806. The structure shall be made in roll forming process having height of 80-100 cm above the ground level, width not less than 100 mm and shall extend not more than 300mm below the ground while being installed, buried or pressed in to the ground in confirmation with IRC:79: 1981, are as directed by the by. the Engineer painted black with powder coat of minimum 40 microns thickness for protection against corrosion, on top of which Type XI retro reflective sheeting shall be pasted on both sides complying to IRC:79:1981. The delineator should consist of minimum retro reflective unit exposed area of 330 cm<sup>2</sup> white color, full cube corner micro prismatic non-metallic retro reflective sheeting on each side conforming with IRC 67:2012 and meeting the coefficient of retro reflection values as per ASTM D 4956 Type XI label specification. The delineator shall have grooves across the- length to make the reflective sheets vandalproof.(SOR Item No.8.19)</p>	150 Nos	Each	890.00	133500.00	
					Total	2499390.00
						2500000.00

  
Sub Engineer

  
Sub-Divisional Officer  
Sub-Division. M-3  
Bhopal

Executive Engineer  
New Bhopal Division  
PWD Bhopal