

Himachal Pradesh
Public Works Department

Registered

No.PWJ/CB/TA/Tender Notice/2022-
To

Dated:-

1868

14-2-2022

The Executive Engineer(IT Cell)
Nigam Vihar Shimla.

Subject:-

Publication of tender Notice.

Enclosed please find herewith the tender notice of work given in the Notice Inviting tender for uploading on Department website as per Notification Pr. Secy.(PW) to the Govt. of Himachal Pradesh letter No. PBW(B)A(3)1/2020 dated 16/07/2021 as the works mentioned in the tender notice are urgent nature and in public interest.

DA/As above

Executive Engineer
Jawali Divn. HP PWD,
Jawali.

HP.P.W.D.TENDER

Sealed items rate tender on PWD form Number 6 & 8 are hereby invited by the Executive Engineer, Jawali Division H.P.P.W.D. Jawali on behalf of the Governor of H.P. for the following work from the approved and eligible contractors C& D enlisted in H.P.P.W.D, so as to reach in this office in the waxed sealed cover on or before **21.02.2022** up to 11:00 (AM) and will be opened on the same day at 11:30 (A.M.) in the presence of the intending contractors or their authorized representative who may like to be present. The application for purchase of tender will be received up to 4.00 P.M on dated **18.02.2022** The tender form can be obtained from this office against cash payment non-refundable during the working hrs on **19.02.2022** to 4.00 PM and no tender form shall be issued by post. The amount of earnest money in shape of FDR of any nationalized Bank in HP pledged in the name of the Executive Engineer, Jawali Division H.P.P.W.D. Jawali.

The Conditional tender and tender received without earnest money will be rejected and if holidays declared by the Govt. on the above date due to any reason the tender shall be received and opened on the next working day .The offer of the tender shall be remain valid upto 75 days after the opening.. The undersigned reserved the right to reject tender without assigning any reasons.

S. No	Name of Work	Estimated Cost Rs.	Earnest Money Rs.	Time Limit	Cost of Form Rs.
1	Construction of link road from Guglara to Jhounka Ratial road Km. 0/0 to 1/500(SH:- Constriction of Cement concrete pavement at RD. 4/150 to 4/300).	258566/-	5200/-	One month	350/-
2	Construction of link road from Lubh Makrahan Nargala Gura Soura road Km. 0/0 to 4/500(SH:- Providing and laying tarring at RD. 0/0 to 0/325).	286438/-	5100/-	One month	350/-
3	Periodic Maintenance of Jawalamukhi Dehra Jawali Raja-Ka-Talab to Harnota Khas road HP0404VR003116139 under Annual maintenance Plan 2021-22 for village road(SH:- Providing and laying 30mm thick Bitumenous concrete in Km. 2/0 to 2/475).	401160/-	8100/-	One month	350/-
4	A/R & M/O Dhamin to Anuhi road Km. 0/0 to 9/100(SH:- Construction of G.I Wire crate work in various reaches in Km. 7/050 to 7/052.50,7/320 to 7/340 and 7/610 to 7/630).	200008/-	4000/-	One month	350/-
5	Construction of link road Bhanaie to Maira Via Kut and Bhol road Km. 0/0 to 1/800(SH:- Providing and laying Tarring at RD. 0/0 to 0/350).	306177/-	6200/-	One month	350/-
6	Restoration of Rain Damages on Nagrota Surian Katholi Khabbal Barial road Km. 0/0 to 5/500(SH:-Providing and laying GSB, Wearing stone aggregate 30mm thick Bituminous concrete in various RD's on extended width of road).	285538/-	5700/-	One month	350/-
7	A/R & M/O various Bridge under HP PWD Sub Division Jawali(SH:- Providing and laying mastic Asphalt on various Bridges under HP PWD Sub Division Jawali).	300783/-	6300/-	One month	350/-
8	Periodic Maintenance of Ranital 32 Mile (Kotla) road HP0409MDR8816146 under AMP of MDR's for 2021-22(SH:- Providing and laying 30mm thick Bitumenous concrete in Km. 38/500 to 38/800).	488507/-	8100/-	Two months	350/-
9	A/R & M/O of various roads under Kotla Sub Divn. HPPWD Kotla(Bhalli and Jounta section)(SH:- Repair of shoulders, constructio0n of unlined surface drains and removal of slips).	292790/-	5900/-	One month	350/-
10	Construction of link road from Bhanei to Bhol Uprala Maira Samlana road Km. 0/0 to 3/800(SH:-Providing and laying premix carpet with seal coat at RD. 1/615 to 1/740 and 1/840 to 1/927).	453284/-	9100/-	One month	350/-
1. (i) (ii) (iii)	The contractors/firms should possess the following documents(Photocopy to be attached) Copy of Registration/latest renewal of enlistment. PAN Number(Permanent Account No). GST Registration Number.				

2. Conditional/Telegraphic tenders or tender by Fax/E-Mail shall not be entertained /considered in any case.

CERTIFICATE:- It is Certified that tender mentioned in the notice is exigencies/emergency are urgent nature and in public interest.

Executive Engineer
Jawali Divn. HP PWD,
Jawali.

For on behalf of Governor of H.P.

No.PWJ/CB/TA/Tender/2021-22

1869-76

Dated:-

14/12/2022

1. Copy to the Chief Engineer(KZ)HPPWD Dharamshala for favour of information please.
2. Copy to the Superintending Engineer,9th Circle HP PWD Nurpur for favour of information please.
3. All the Assistant Engineer, working under this Division for information.
4. The Account Branch/Drawing Branch in this office for information.
5. Notice Board.

Executive Engineer
Jawali Divn. HP PWD,
Jawali.

SCHEDULE OF QUANTITY

Name of work:-Construction of link road from Guglara to Jhounka Ratial road km. 0/0 to 1/500 (SH: -Construction of cement concrete pavement at RD. 4/150 to 4/300)

Estimated Cost : Rs. 2,58,566/-

Earnest Money : Rs. 5200/-

Time Limit : One Month

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three millimetres to twenty two point four millimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum (zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	33.75	Cubic Metres			Per Cubic Metre	
2	Construction of un-reinforced, (without dowels) plain cement concrete pavement M-30 (M-thirty) (Grade) as per design over a prepared sub base with 43 grade (forty three) cement or any other equivalent as per clause 1501.2.2 conforming to IS:383 maximum size of coarse aggregate not exceeding 25mm, (Twenty five millimetres) mixed in a concrete mixer of not less than 0.2cum (Zero point two cubic metres) capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick (One hundred twenty five micron)polythene film wedges, steel plates including levelling the form work as per drawing, spreading the concrete with shovel, rakes, compacted using needle, screed and plate vibrator and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars of appropriate dia near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slab for fourteen days using curing compound (where specified) and water finishing to lines and grade as per drawing and technical specifications clause 1501, including curing complete, including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	67.50	Cubic Metres			Per Cubic Metre	
						Total:	


 Executive Engineer
 Jawali Division, H.P., P.W.D.
 Jawali-176023

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SCHEDULE OF QUANTITY

Name of work:- Construction of link road from Lubh Makrahan Nargala Gura Soura road km. 0/0 to 4/500. (SIH - Providing and laying Tarring at RD. 0/0 to 0/325)				Estimated Cost : Rs.2,86,438/-			
				Earnest Money : Rs.5100/-			
				Time Limit : One Month			
S.No	Description of items	Quantity		Rates		Unit	Amount
				In figures	In words		
1	2	3		4		5	6
1	Providing and applying primer coat with BITUMEN emulsion (SS-1) on the prepared surface of granular base after and including cleaning of road surface with Hydraulic brooms and spraying primer with bitumen emulsion pressure distributor and spraying at the rate of 0.85 kg (zero point eight five kilograme) per 1 square metre (per one square meter) using mechanical means of road surface as per M.O.R.D. technical specifications clause No. 502 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	998.75	Square Metre			Per Square Metre	
2	Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.275 kgs. (Zero decimal two seven five kilogrammes) per square metre on the prepared dry and hungry bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per direction and entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax, GST and other taxes imposed by the Government.	998.75	Square Metre			Per Square Metre	

4	Providing and laying 30mm (Thirty millimetres) thick compacted thick bituminous concrete with minimum 40-60 TPH (Forty-sixty tonne per hour) hot mix batch / drum type plant with electronic control Grading-II using crushed aggregate 13mm (thirteen millimetres) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity grade thirty) @ 5% (five percent) of mix weight transported to site, laid with censer paver finisher hydraulic with censer control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (eight to ten) tonne capacity for initial break down rolling and vibratory roller 8-10(eight to ten) tonne capacity or pneumatic type roller of 12-15 (twelve -- fifteen tonne) with tyre pressure of atleast 0.56MP'a (zero point five six) for intermediate rolling and finish rolling with 6-8 (six to eight) tonne smooth wheeled tandem roller to achieve the desire compaction as per MORTH technical specifications clause 509 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate also includes octroi, royalty, malkana toll tax, sale tax , GST or other taxes imposed by the Government.	29.960	Cubic Metres				Per Cubic metre	
							Total:	


 Executive Engineer,
 Jawahar District, PWD
 Jawahar.

SCHEDULE OF QUANTITY


Name of work:-Periodic Maintenance of Jawalamukhi Dehra Jawali Raja Ka Talab to Harnota Khas road HP0404VR003116139 under Annual Maintenance Plan 2021-22 for Village road . (SH: - Providing and laying 30mm thick Bitumenous concrete in km. 2/0 to 2/475)

Estimated Cost : Rs.4,01,160/-

Earnest Money : Rs. 8,100/-

Time Limit : Two Months

S.No	Description of items	Quantity		Rates		Unit	Amount
				In figures	In words		
1	2	3		4		5	6
1	Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion pressure distributor at the rate of 0.225kgs. (Zero decimal two two five kilogrammes) per square metre on the prepared Bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge. including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax and other taxes imposed by the Government.	1601.25	Square Metres			Per Square metre	
2	Providing and laying 30mm (Thirty milimetres) thick compacted thick bituminous concrete with minimum 40-60 TPH (Forty-sixty tonne per hour) hot mix batch / drum type plant with electronic control Grading-II using crushed aggregate 13mm (thirteen milimetres) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity grade thirty) @ 5% (five percent) of mix weight transported to site, laid with censer paver finisher hydraulic with censer control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (eight to ten) tonne capacity for initial break down rolling and vibratory roller 8-10(eight to ten) tonne capacity or pneumatic type roller of 12-15 (twelve – fifteen tonne) with tyre pressure of atleast 0.56MP'a (zero point five six) for intermediate rolling and finish rolling with 6-8 (six to eight) tonne smooth wheeled tandem roller to achieve the desire compaction as per MORTH technical specifications clause 509 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate also includes octroi, royalty, malkana toll tax, sale tax or other taxes imposed by the Government.	48.04	Cubic Metres			Per Cubic metre	
						Total:	


 Executive Engineer,
 Jawali Division, HP, PWD
 Jawali.

SCHEDULE OF QUANTITY

Name of work:-A/R & M/O Dhamin to Anuhi road km. 0/0 to 9/100 (SH: - Construction of G.I. Wire Crate work in various reaches in km. 7/050 to 7/052.50, 7/320 to 7/340 and 7/610 to 7/630)

Estimated Cost : Rs. 2,00,008/-

Earnest Money : Rs. 4000/-

Time Limit : One Month

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera and other similar structure in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) complete in accordance with the line and dimensions shown on the drawings as per drawings and M.O.R.D. technical specification section 300 and 1600 and as per direction of the Engineer- In – Charge including setting out shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto any lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material including shoring and strutting and pumping and bailing out water (surface and sub soil water) upto any depth any quantum of water including cleaning of slush which may arise out during dewatering as per entire satisfaction and direction of Engineer-in-Charge. Including carriage of materials within all leads and lifts and other incidental . The rate is including octroi, royalty, malkana, toll tax, sale tax GST or other taxes imposed by the Government.	49.30	Cubic Metres			Per Cubic Metre	
2	Providing and laying of boulder apron laid in Wire Crates with 4mm (four milimetres) dia GI wire conforming to IS:280 and IS:4826 in 100mm x 100mm (One hundred milimetres into one hundred milimetres) mesh (woven diagonally) including 10 percent (ten percent) extra for laps and joints laid with stone boulders weighting not less than 25 Kg (Twenty five kilogrammes) each as per drawing and technical specifications clause 1301, and as per direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	132.81	Cubic Metre			Per Cubic Metre	
						Total:	


 Executive Engineer,
 Harali Division, H.P. PWD
 Harali.

SCHEDULE OF QUANTITY

Name of work:-Construction of link road Bhanaie to Maira Via Kut and Bhol road km. 0/0to 1/800. (SH: - Providing and laying Tarring at RD. 0/0 to 0/350)					Estimated Cost Rs. 3,06,177/-		
					Earnest Money Rs. 6200/-		
					Time Limit : One month		
S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Providing and applying primer coat with BITUMEN emulsion (SS-1) on the prepared surface of granular base after and including cleaning of road surface with Hydraulic brooms and spraying primer with bitumen emulsion pressure distributer and spraying at the rate of 0.85 kg (zero point eight five kilograme) per 1 square metre (per one square meter) using mechanical means of road surface as per M.O.R.D. technical specifications clause No. 502 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	1067.50	Square Metre			Per Square Metre	
2	Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.275 kgs. (Zero decimal two seven five kilogrammes) per square metre on the prepared dry and hungry bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per direction and entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax, GST and other taxes imposed by the Government.	1067.50	Square Metre			Per Square Metre	

4	Providing and laying 30mm (Thirty millimetres) thick compacted thick bituminous concrete with minimum 40-60 TPH (Forty-sixty tonne per hour) hot mix batch / drum type plant with electronic control Grading-II using crushed aggregate 13mm (thirteen millimetres) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity grade thirty) at 5% (five percent) of mix weight transported to site, laid with censer paver finisher hydraulic with censer control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (eight to ten) tonne capacity for initial break down rolling and vibratory roller 8-10(eight to ten) tonne capacity or pneumatic type roller of 12-15 (twelve – fifteen tonne) with tyre pressure of atleast 0.56MP'a (zero point five six) for intermediate rolling and finish rolling with 6-8 (six to eight) tonne smooth wheeled tandem roller to achieve the desire compaction as per MORTH technical specifications clause 509 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate also includes octroi, royalty, malkana toll tax, sale tax , GST or other taxes imposed by the Government.	32.025	Cubic Metres				Per Cubic metre	
							Total:	


 Executive Engineer,
 Jawali Division, **M.P. P.W.D.**
 Jawali-176023

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SCHEDULE OF QUANTITY

Name of work:- Restoration of Rain Damages on Nagrota Surian Katholi Khabbal Barial road km. 0/0 to 500. (SH: - Providing and laying GSB, Wearing stone aggregate 30mm thick Bitumenous concrete in various RD,s on extended width of road)

Estimated Cost : Rs.2,85,538/-

Earnest Money : Rs.5700/-

Time Limit : One Month

S.No	Description of items	Quantity		Rates		Unit	Amount
				In figures	In words		
1	2	3		4		5	6
1	Loosening of the ground upto a level of 300mm (Three hundred milimetres) below the sub grade level watered, graded with motor graded and compacted in layers to meet requirement of tables 300.1 and 300.2 with power road roller 8-10 Tonne (eight desh ten tonne) capacity for sub grade construction as per M.O.R.D. technical specification section 300, and as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government.	180.10	Cubic Metres			Per Cubic metre	
2	Providing and laying granular sub base/ surface course with local material by mix in place method normal construction of granular sub base by providing local material spreading in uniforms layers with mortar grader on prepared surface mixing by mix in place method with rotavator at once and compacting smooth wheel roller to achieve the desired density complete as per clause 401.4, as per technical specifications clause 408, including carriage of materials within all leads and lifts and other incidental charges. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	96.99	Cubic Metre			Per Cubic Metre	
3	Providing and laying spreading and compacting stone aggregate 63mm to 45mm (Sixty three milimetres to forty five milimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum (zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -3 63mm to 45mm (Sixty three millimetres to forty five millimetres) size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in-Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	83.12	Cubic Metres			Per Cubic Metre	

4	Providing and applying primer coat with BITUMEN emulsion (SS-1) on the prepared surface of granular base after and including cleaning of road surface with Hydraulic brooms and spraying primer with bitumen emulsion pressure distributor and spraying at the rate of 0.85 kg (zero point eight five kilograme) per 1 square metre (per one square meter) using mechanical means of road surface as per M.O.R.D. technical specifications clause No. 502 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	554.25	Square Metre			Per Square Metre	
5	Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion pressure distributor at the rate of 0.225kgs. (Zero decimal two two five kilogrammes) per square metre on the prepared Bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge. including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax and other taxes imposed by the Government.	554.25	Square Metres			Per Square metre	
2	Providing and laying 30mm (Thirty milimetres) thick compacted thick bituminous concrete with minimum 40-60 TPH (Forty-sixty tonne per hour) hot mix batch / drum type plant with electronic control Grading-II using crushed aggregate 13mm (thirteen milimetres) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity grade thirty) @ 5% (five percent) of mix weight transported to site, laid with censer paver finisher hydraulic with censer control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (eight to ten) tonne capacity for initial break down rolling and vibratory roller 8-10(eight to ten) tonne capacity or pneumatic type roller of 12-15 (twelve – fifteen tonne) with tyre pressure of atleast 0.56MP'a (zero point five six) for intermediate rolling and finish rolling with 6-8 (six to eight) tonne smooth wheeled tandom roller to achieve the desire compaction as per MORTH technical specifications clause 509 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate also includes octroi, royalty, malkana toll tax, sale tax or other taxes imposed by the Government.	16.630	Cubic Metres			Per Cubic metre	
						Total:	

Executive Engineer,
Jawali Division, PWD
Jawali.

7

SCHEDULE OF QUANTITY


Name of work:- A/R & M/O various bridge under HP:PWD. Sub Division Jawali. (SH: - Providing and laying Mastic Asphalt on various bridges under HP:PWD. Sub Division ~~Kotla~~ Jawali)

Estimated Cost : Rs. 3,00,783/-

Earnest Money : Rs. 6300/-

Time Limit : One Month

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Providing and laying 25mm (Twenty five milimetres) thick mastic asphalt wearing course on top of deck slab excluding primer 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 9.5mm (nine point five milimetres) nominal size at the rate of 0.005cum (zero point zero zero five cubic metre) per 10 sqm (ten square metre) and at an approximate spacing of 10cm (ten centimetres) center to center in both directions, pressed into surface when the temperature of surfaces not less than 100deg. C (One hundred Degree C,) protruding 1mm (One milimetre to 4mm (Four milimetre) over mastic surface, all complete as per clause 515, and as per entire satisfaction direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government.	566.50	Square Metre			Per Metre	
						Total:	


 Executive Engineer,
 Jawali Division, HP, PWD
 Jawali.

SCHEDULE OF QUANTITY

Name of work:- Periodic Maintenance of Ranital 32 Mile (Kotla) road HP0409MDR8816146 under AMP of MDR's for 2021-22 . (SH: - Providing and laying 30mm thick Bitumenous concrete in km. 38/500 to 38/800)				Estimated Cost : Rs.4,88,507/-			
				Earnest Money : Rs. 8,100/-			
				Time Limit : Two Months			
S.No	Description of items	Quantity		Rates		Unit	Amount
				In figures	In words		
1	2	3		4		5	6
1	Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion pressure distributor at the rate of 0.225kgs. (Zero decimal two two five kilogrammes) per square metre on the prepared Bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax and other taxes imposed by the Government.	1950.00	Square Metres			Per Square metre	
2	Providing and laying 30mm (Thirty milimetres) thick compacted thick bituminous concrete with minimum 40-60 TPH (Forty-sixty tonne per hour) hot mix batch / drum type plant with electronic control Grading-II using crushed aggregate 13mm (thirteen milimetres) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity grade thirty) @ 5% (five percent) of mix weight transported to site, laid with censer paver finisher hydraulic with censer control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (eight to ten) tonne capacity for initial break down rolling and vibratory roller 8-10(eight to ten) tonne capacity or pneumatic type roller of 12-15 (twelve – fifteen tonne) with tyre pressure of atleast 0.56MP'a (zero point five six) for intermediate rolling and finish rolling with 6-8 (six to eight) tonne smooth wheeled tandem roller to achieve the desire compaction as per MORTH technical specifications clause 509 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate also includes octroi, royalty, malkana toll tax, sale tax or other taxes imposed by the Government.	58.50	Cubic Metres			Per Cubic metre	
						Total:	


 Executive Engineer,
 Jawali Division, HP, PWD
 Jawali.

SCHEDULE OF QUANTITY


Name of work:-A/R & M/O of various roads under Kotla Sub Division HP:PWD. Kotla. (Bhalli and Jounta Section) .
(SH: - Repair of shoulders, construction of unlined surface drains and removal of slips)

Estimated Cost : Rs. 2,92,790/-

Earnest Money : Rs. 5900/-

Time Limit : One month

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Making up loss of material/ irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000 m (One thousand metres) as per technical specification Clause 1903.	14300.00	Square Metre			Per Square Metre	
2	Surface Drains in soil Construction of unlined surface drains of average cross section all area 0.40 sqm in soil to specified lines, grades, levels and dimensions excavated material to be used in embankment with a lift upto 3m and lead of 50m (average 25m) as per technical specification clause 307	5290.00	Running Metres			Per Running Metre	
3	Removal of land slide/ slips in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in all leads and lifts, as per technical specification clause 302.3.5 and 1611, including carriage of materials in all kind of soil and neatly dressing of roads by leveling of surface in order to formation level.	532.00	Cubic Metre			Per Cubic Metre	
						Total:	


 Executive Engineer
 H.P.PWD (B&R) Division
 Jawali


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DRAFT SCHEDULE OF QUANTITY

Name of work:-Construction of link road from Bhanei to Bhol Upala Maira Samlana road km. 0/0 to 3/800. (SH: -					Estimated Cost : Rs. 4,53,284/-		
Providing and laying premix carpet with Seal Coat at RD. 1/615 to 1/740 and 1/840 to 1/927					Earnest Money : Rs. 9100/-		
					Time Limit : One month		
S.No	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Providing and laying granular sub base/ surface course with local material by mix in place method normal construction of granular sub base by providing local material spreading in uniform layers with mortar grader on prepared surface mixing by mix in place method with rotavator at once and compacting smooth wheel roller to achieve the desired density complete as per clause 401.4, as per technical specifications clause 408, including carriage of materials within all leads and lifts and other incidental charges. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	116.60	Cube Metre			Per Cubic Metre	
2	Providing and laying spreading and compacting stone aggregate 63mm to 45mm (Sixty three millimetres to forty five millimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum (zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -3 63mm to 45mm (Sixty three millimetres to forty five millimetres) size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in-Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	87.45	Cubic Metres			Per Cubic Metre	

3	Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three millimetres to twenty two point four millimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum (zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	87.45	Cubic Metres	899.40	Rupees eight hundred ninety nine and paisa forty only	Per Cubic Metre	78653
4	Providing and applying primer coat with BITUMEN emulsion (SS-I) on the prepared surface of granular base after and including cleaning of road surface with Hydraulic brooms and spraying primer with bitumen emulsion pressure distributor and spraying at the rate of 0.85 kg (zero point eight five kilograme) per 1 square metre (per one square meter) using mechanical means of road surface as per M.O.R.D. technical specifications clause No. 502 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	1166.00	Square Metre	34.25	Rupees thirty four and paisa twenty five only	Per Square Metre	39936
5	Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.275 kgs. (Zero decimal two seven five kilogrammes) per square metre on the prepared dry and hungry bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per direction and entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax, GST and other taxes imposed by the Government.	1166.00	Square Metre	12.25	Rupees twelve and paisa twenty five only	Per Square Metre	14284

6	Providing laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of Type-A 13.2mm (thirteen decimal two millimeter) to 5.6mm (five decimal six millimeter) aggregate at the rate of 0.27 cubic metre (Zero point two seven cubic metre) mixed with penetration grade Bitumen VG-10 (VG-Ten) at the rate 14.6 Kilogramme (fourteen point six kilogramme) per ten square metre of road surface to required line grade and level to serve as wearing course on a previously prepared base including mixing and heating binder and aggregate in Hot Mix Plant 30/40 (Thirty / Forty) tonne per hour capacity, transporting mixed material with tipper and laying with paver finisher to the required grade and camber and rolling with a three wheel 80-100 (Eighty-Hundred) KN static road roller Capacity finished to required level and grades to be followed by a seal coat as per M.O.R.D. technical specifications clause No. 508 as per the entire satisfaction and direction of Engineer – in- Charge excluding the cost of tack coat and seal coat but including carriage of materials within all leads and lifts and other incidental . The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	1166.00	Square Metre				Per Square Metre	
7	Providing and laying seal coat for sealing the voids in a bituminous surface laid to specified level grade and cross fall using type-B as per technical specification clause 510 premixed with 6.8 kg (six point eight kilogram) Bitumen VG-10 (VG-Ten) with 0.06 (zero point zero six) cubic metre of fine aggregate per 10 Sqm. (Ten square metre) heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 8-10 (eight to ten capacity) as per direction of Engineer-in-Charge, including carriage of material labour and equipment required to execute the work to the site of work complete in all respect. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	1166.00	Square Metre				Per Square Metre	
							Total:	


 Executive Engineer,
 Jawali Division, I.P.P.W.D.
 Jawali.