

Himachal Pradesh
Public Works Department

Registered

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

1360

Dated:-


5/2/22

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 **17.02.2022** 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 **14.02.2022** The tender form can be obtained from this office against cash payment non-refundable during the working hrs on **15.02.2022** 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 Pharal Chachian to village Narial (actual name construction of link road to village Narial Panola to village Chachian to connect Harnota Banoli road Km. 0/0 to 2/500 including Bridge over Banoli Khad(SH:- Construction of RCC Railing and Repair of wearing coat and expansion Joint).	414070/-	8300/-	Two months	350/-
2	Construction of Banoli to Arela road Km. 0/0 to 1/0(SH:- Construction of 5/7 Metre wide formation cutting at RD. 0/0 to 0/455).	188872/-	3800/-	One month	350/-
3	Construction of 65.00 Metre span suspension type foot Bridge over Dehar Khad Joining Baded and Soldha at RD. 0/040(SH:- Construction of approaches including site development of abutment A land A2.	125529/-	2500/-	One month	350/-
4	Restoration of Rain damages on various road under Jawali Sub Divn(Section Harsar)(SH:- Removal of land slip).	99162/-	2000/-	Fifteen days.	350/-
5	Construction of Bhalli Chaniali Dulla Bharmara road Km. 0/0 to 5/0(SH:- Providing and laying Cement concrete pavement at RD. 0/840 to 1/090).	399369/-	8000/-	One month	350/-
6	Improvement of Black spot on Jawalamukhi Dehra Jawali Raja-Ka-Talab Km. 39/0 to 52/330 KM(SH:- C/O R/wall at RD. 43/230 to 43/248,43/251 to 43/270 and(Drain at RD. 0/0 to 0/030,HP Culvert D/S side).	301207/-	6000/-	One month	350/-
7	Construction of Raje Di Hatti to Pharian road Km. 0/0 to 7/0 under SCSP(SH:- Providing and laying wearing G-II and G-III at RD. 0/300 to 0/800).	374483/-	7500/-	One month	350/-
8	Construction of Dol Bakan to Bagga Dullah Kotru (Kolru Peer)(SH:- Providing and laying Granular Sub Base and stone aggregate 63mm to 45mm at RD. 7/865 to 8/250).	137135/-	2800/-	One month	350/-
9	Construction of Bhalli Chaniali Dulla Bharmara road Km. 0/0 to 5/0(SH:- Providing and laying Granular Sub Base and stone aggregate 63mm to 45mm size at RD. 1/200 to 1/730).	272602/-	5500/-	One month	350/-
10	Construction of Foot Bridge over Chhamb Kiyarian near Ghar Jarot under Mukhya Mantri Gram Sadak Yojna(SH:- Construction of Retaining wall on approaches of Foot Bridge).	498570/-	10000/-	Two months	350/-
11	Restoration of Rain Damages on Lubh Mastgarh Jounta road Km. 0/0 to 21/400(SH:-L- Construction of 0.90 Metre span RCC slab culvert at RD. 2/120).	145098/-	3000/-	One month	350/-
1.	The contractors/firms should possess the following documents(Photocopy to be attached)				
(i)	Copy of Registration/latest renewal of enlistment.				
(ii)	PAN Number(Permanent Account No).				
(iii)	Registration under GST No & EPF.				

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

1361-68

Dated:-

5/2/22

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.

20/01/20

SCHEDULE OF QUANTITY

Name of work:-Construction of link road from Pharal Chachian to Village Narial (action name construction of link road to Village Narial Panola to Village Chachian to connect Harnota Banoli road km. 0/0 to 2/500 including bridge over Banoli khad. (SH: - Construction of R.C.C. Railing and repair of Wearing coat and expansion joint).


Estimated Cost : Rs. 4,14,070/-

Earnest Money : Rs. 8300/-

Time Limit : Two Months

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Construction of (RCC) railing in reinforced cement concrete mechanically mixed and vibrated railing of Grade M-25 (M- twenty five) design mix with cement content not less than 400kg (four hundred kilogram) per cubic metre using 20mm (twenty milimetres) nominal size and curing complete, tolerance of vertical railing post not to exceed 1 in 500 (one in five hundred) centre to centre spacing between vertical post not to exceed 2000mm (Two thousand millimeter) including the cost of reinforcement and cost of form work as per drawing and MORD technical specification section 800, 900 and 1208.3 complete in all respect as per direction and entire satisfactions of Engineer-in-Charge, Including carriage of material within all leads and lifts and other incidental. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.	136.34	Running Metre			Per Running Metre	
2	Providing and fixing drainage spouts complete with 100mm (One hundred millimeter) dia galvanized mild steel down pipe with corrosion resistant structural steel grating complete as per drawing and M.O.R.D. technical specifications clause 1404.5 and as per direction and entire satisfaction 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.	40	Numbers			Each	

3	Providing and laying burried expansion joint, covered with 12mm (twelve milimetres) thick, 200mm (two hundred milimetres) wide galvanised weldable structural steel plate as per IS:2062 placed symmetrically to centre line of the joint, resting freely over the top surface of the Deck concrete, welded 8mm (eight milimetres) dia 100mm (one hundred milimetres) long galvanised nails spaced 300mm (three hundred milimetres) centre to centre along the centre line of plate.all as specified as per M.O.R.T.H. technical specification clause 2604 as per direction and entire satisfaction of Engineer-in- Charge including carriage of materials within all leads , lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	36.05	Running Metre			Per Running Metre	
4	Providing and filling joint sealing compound as per drawing and technical specifications with course sand and 6% (six percent) bitumen by weight as per MORTH technical specifications section 2600 complete in all respect as per drawing design and the directions of Engineer-in-Charge, including carriage of material within all leads and lifts and other incidentals. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes imposed by the Government.	115.40	Running Metre			Per Running Metre	
						Total:	


 Executive Engineer,
 Jawali Division, Hq PWD
 Jawali

SCHEDULE OF QUANTITY

Name of work: - Construction of Banoli to Arela road km. 0/0 to 1/0. (SH: - Construction of 5/7 Metre wide formation cutting ~~and passing places~~ at RD. 0/0 to 0/455)

Estimated Cost : Rs. 1.88,872/-

Earnest Money : Rs.3800/-

Time Limit : One month

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
	2	3		4	5	6	7
1	Excavation for roadway in roadway in ordinary rock with hydraulic excavator of 0.9 cum (Zero point nine cubic metre) bucket capacity including cutting and loading in tippers, transporting to embankment site with a lift upto 1.5m (One point five metre) and lead upto 1000m (One thousand metre) trimming bottom and side slopes in accordance with requirement of lines, grades and cross sections as per technical specification Clause 302.3.5, as per 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.	1402.16	Cubic Metres			Per Cubic Metre	
2	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines, grades cutting and trimming of side slopes and level as shown in the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and carriage of machineries, materials, tools equipments and safety measures and incidental necessary to complete the work by mechanical means and / or labour if required including carriage of material within all leads and lifts and other incidental. The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government.	1402.16	Cubic Metres			Per Cubic Metre	
						Total:	

Executive Engineer,
Jawali Division HP, PWD

SCHEDULE OF QUANTITY

Name of work:-Construction of 65.00 Metre span suspension type foot bridge over Dehar khad joining Baded and Soldha at RD. 0/040. (SH: - Construction of approaches including site development of abutments A and A2)

Estimated Cost : Rs.1,25,529/-

Earnest Money : Rs. 2500/-

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	Construction of embankment with approved materials obtain from borrow pits cutting, transporting to site spreading, grading to required slope and graded up to any height compacted with three Wheel Road Roller 80-100 (eighty-hundred) KN static weight road roller to meet the requirement of tables 300.1 and 300.2 as per M.O.R.D. technical specification Clause 301.5 including carriage of materials within all leads and lifts and other incidental and as per the entire satisfaction and direction of the Engineer- In -Charge. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes imposed by the Government.	573.00	Cubic Metre			Per Cubic Metre	
2	Excavation for roadway in soil by mechanical means including cutting and pushing the earth to site of embankment upto a distance of 100m (One hundred metres) including trimming bottom and side slopes in accordance with requirements of lines, grades and cross section, 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.	506.00	Cubic Metre			Per Cubic Metre	
						Total:	


 Executive Engineer,
 Jewali Division, HP PWD
 Jewali.

SCHEDULE OF QUANTITY

Name of work:- Restoration of Rain damages on various roads under Jawali Sub Division HP:PWD. Jawali (Section Harsar). (Removal of land slip)

Estimated Cost : Rs. 99,162/-

Earnest Money : Rs.2000/-

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	Deployment of Excavator-Cum-Loader (JCB) for removal of slips, trees and such like activities repair of berms, earthen shoulders and katcha drain on hiring basis in all kind of classification of soil complete in all respect as per direction of Engineer-in-Charge. The cost of lubricants, diesel, Operator, maintenance cost etc. will be borne by the contractor.	126.000	Hours			Per Hour	
						Total:	

NOTE: - Moving charges to and fro of machinery to the site of work shall be counted for one side only. Departmental Machinery will not be unavailible. Hence Hirig of JCB/Excavator Cum Loader is required.

Executive Engineer,
Jawali Division HP:PWD.,
Jawali.

SCHEDULE OF QUANTITY


Name of work:-Construction of Bhalli Chaniali Dulla Bharmara road km. 0/0 to 5/0. (SI:- Providing and laying cement concrete pavement at RD.0/840 to 1/090)

Estimated Cost : Rs. 3,99,369/-

Earnest Money : Rs. 8000/-

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	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 or other taxes imposed by the Government.	118.125	Cubic Metres			Per Cubic Metre	
						Total:	


 Executive Engineer
 H.P.P.W.D (B&R) Division,
 Jawali

6

SCHEDULE OF QUANTITY

Name of Work :-Improvement of Black Spot on Jawalamukhi Dehra Jawali raja Ka Talab km 39/00 to 52/330km (SH:- C/O of R/Wall at RD 43/ 230 to 43/248, 43/251 to 43/270 and (Drain at RD 0/00 to 0/030 , HP Culvert D/S side)


Estimated Cost : Rs3,01,207/-

Earnest Money : Rs. 600/-

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	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.	57.26			Per Cubic Metre	
2	Providing and laying cement concrete 1:5:10 (One cement : five Sand : ten graded crushed stone aggregate 40mm (Forty milimetres) nominal size and curing complete, including the cost of form work with steel plates for plain/ reinforced concrete in Retaining walls, Breast wall, as per Drawing and H.P.P.W.D. technical specifications Clause 802,803,1202 and 1203 as per direction of the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental charges. The rate is including octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	112.85			Per Cubic Metre	

3	Providing and laying mechanical mixed and vibrated concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete Grade M-10 (M-ten) nominal mix 1:3:6 (One cement : three sand : six graded crushed/ broken stone aggregate 40mm (forty milimetres) nominal size in or under water and curing complete including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths excluding the cost of form work as per drawing and M.O.R.D. technical specification clause 802,803,1202 and 1203 as per the direction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes as imposed by the Government.	10.20			Per Cubic Metre	
4	Providing concrete for/plain reinforced concrete open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 Nominal mix (1:2:3)	1.80			Per Cubic Metre	
5	Supplying fitting and placing upto all heights/depths HYSD bars reinforcement in sub structure complete as per drawing and M.O.R.D technical specification section 1000 including cutting bending and placing in position complete in all respect including cost binding wire to all heights including carriage of materials within all leads lifts and other incidental. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes as imposed by the Government.	0.37			M T	
					Total	


 Executive Engineer,
 Jawali Division, HP, PWD
 Jawali.

SCHEDULE OF QUANTITY

Name of work:-Construction of Raji Di Hatti to Pharrian road km. 0/0 to 7/0 under SCSP. (SH: - Providing and laying wearing G-II and G-III at RD. 0/300 to 0/800)


Estimated Cost : Rs. 3,74,483/-

Earnest Money : Rs. 7500/-

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	Construction of embankment with approved materials obtain from borrow pits cutting, transporting to site spreading, grading to required slope and graded up to any height compacted with three Wheel Road Roller 80-100 (eighty-hundred) KN static weight road roller to meet the requirement of tables 300.1 and 300.2 as per M.O.R.D. technical specification Clause 301.5 including carriage of materials within all leads and lifts and other incidental and as per the entire satisfaction and direction of the Engineer- In -Charge. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes imposed by the Government.	600.00	Cubic 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.	150.00	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.	150.00	Cubic Metres				Per Cubic Metre	
							Total:	


 Executive Engineer,
 Jawali Division, HP PWD
 Jawali.

SCHEDULE OF QUANTITY

Name of work:-Construction of Dol Bakan to Bagga Dullah Kotlu (Kolru Peer) road. (SH: - Providing and laying Granular Sub Base and stone aggregate 63mm to 45mm at RD. 7/865 to 8/250)

Estimated Cost : Rs. 1,37,135/-

Earnest Money : Rs. 2800/-

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 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.	128.98	Cube Metre			Per Cubic Metre	
2	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.	92.40	Cubic Metres			Per Cubic Metre	
						Total:	


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

SCHEDULE OF QUANTITY

Name of work: - Construction of Bhalli Chaniali Dulla Bharmara road km. 0/0 to 5/0. (SH: - Providing and laying Granular Sub Base and stone aggregate 63mm to 45mm size at RD. 1/200 to 1/730)

Estimated Cost : Rs. 2.72,602/-

Earnest Money : Rs. 5500/-

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	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines, grades cutting and trimming of side slopes and level as shown in the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and carriage of machineries, materials, tools equipments and safety measures and incidental necessary to complete the work by mechanical means and / or labour if required including carriage of material within all leads and lifts and other incidental. The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government.	265.00	Cubic Metres			Per Cubic Metre	
2	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.	524.7	Cubic Metres			Per Cubic Metre	

3	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.	262.35	Cubic Metre			Per Cubic Metre	
4	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 interspaces 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.	127.20	Cubic Metres			Per Cubic Metre	
						Total:	

Executive Engineer,
Jawali Division, HP PWD
Jawali.

[Signature]

SCHEDULE OF QUANTITY

Name of work:-Construction of Foot bridge over Chhamb Kiyarian near Ghar Jarot under Mukhya Mantri Gram Sadak Yojna. (SH: - Constructon of Retaining wall on approaches of Foot Bridge)

Estimated Cost : Rs. 4,98,570/-


Earnest Money : Rs. 10,000/-

Time Limit : Two Months

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In worda		
1	2	3		4	5	6	7
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.	98.05	Cubic Metres			Per Cubic Metre	

2	Providing and laying mechanically mixed and vibrated plain cement concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:5:10 (One cement : five sand : ten graded crushed/ broken stone aggregate 40mm (forty millimeter) nominal size in or under water including curing complete including pumping or bailing out water , dewatering (surface and sub soil water) and removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work in retaining wall, breast wall etcetera as per drawings and M.O.R.D. technical specification section 800,900 and 1200 as per the direction and entire satisfaction of Engineer-in-Charge Including carriage of material within all leads and lifts and other incidental . The rate including of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	125.90	Cubic Metres			Per Cubic Metre	
3	Providing and laying of boulder apron laid in wire crates with 4mm (four milimetres) dia G.I. wire (galvanized iron wire) conforming to IS:280 (IS: two hundred eighty) and IS:4826 (IS: four thousand eight hundred twenty six) 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 weighing not less than 25 Kg (Twenty five kilogrammes) each as per drawing and M.O.R.D.technical specifications clause 1301 and as per entire satisfaction and direction of Engineer-in-Charge including the carriage of material within all leads, lifts and other incidentals. The rate including octroi, royalty, Malkana, Toll tax, Sale tax, GST or other taxes imposed by the Government.	97.50	Cubic Metres			Per Cubic Metre	
4	Back filling with granular material obtained from approved quarry/ road side cutting behind abutments, wing wall return walls, and retaining walls/ Breast walls complete as per drawing and MORD technical specifications clause 1603.5 and 1604.7 and section 300 and as per directions 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 or other taxes imposed by the Government.	31.00	Cubic Metres			Per Cubic Metre	

5	Providing and laying 100mm (Hundred millimeter) dia ISI marked PVC pipe weep holes in brick masonry/ stone masonry, plain/reinforced concrete abutment, wing wall, return wall and retaining/breast walls extending through the full width of the structures with slope of 1(V): 20(H) towards drawing face complete as per drawing and M.O.R.D. technical specifications clause 614,709,1206.6 and as per direction and entire satisfaction of Engineer – in- Charge, including the cost of collar etcetera complete, 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.	18	Nos.			Each	
6	Construction of embankment with approved materials obtain from borrow pits cutting, transporting to site spreading, grading to required slope and graded up to any height compacted with three Wheel Road Roller 80-100 (eighty-hundred) KN static weight road roller to meet the requirement of tables 300.1 and 300.2 as per M.O.R.D. technical specification Clause 301.5 including carriage of materials within all leads and lifts and other incidental and as per the entire satisfaction and direction of the Engineer- In –Charge. The rate including octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.	359.00	Cubic Metres			Per Cubic Metre	
						Total:	


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

SCHEDULE OF QUANTITY

Name of work:-Restoration of Rain Damages on Lubh Mastgarh Jounta road km. 0/0 to 21/400. (SH: - Construction of
0.90 Metre span RCC slab Culvert at RD. 2/120)

Estimated Cost : Rs. 1,45,098/-
Earnest Money : Rs. 3000/-
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	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.	17.16	Cubic Metres			Per Cubic Metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:3:6 (One cement : three sand : six graded crushed/ broken stone aggregate 40mm (Forty millimetre) nominal size on ground or under water including curing complete including pumping or bailing out water , dewatering removal of slush as required at site which may arise at the time of laying concrete in all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification section 800, 900 and 1200 as per the direction and entire satisfactions of Engineer-in-Charge Including carriage of material within all leads and lifts and other incidental. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.	7.21	Cubic Metre			Per Cubic Metre	

3	Providing and laying mechanically mixed and vibrated plain cement concrete M-15 (M-Fifteen) of design mix with cement contents not less than 275 kg (Two hundred seventy five kilogram) per cubic metre and crushed stone aggregate 40mm (forty millimetre) nominal size) in sub structure and parapets cross drainage etcetera as per drawings and M.O.R.D. technical specifications section 802,804, 805, 806, 807, 1202 and 1204, including the cost of form work curing complete and including carriage of materials with in all leads, lifts and other incidental or as per the entire specification and directions of Engineer-in-Charge . The rate is including octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.	14.52	Cubic Metre			Per Cubic Metre	
4	Providing and laying mechanically mixed and vibrated concrete for reinforced concrete design mix R.C.C. grade M-20 (M-twenty) with graded crushed stone aggregate 20mm (Twenty milimetres) nominal size having cement contents not less than 330kg (Three hundred thirty kilogrammes) per cubic metre in sub structure curing complete for all heights/ depths including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in bed block, dirt wall, as per drawings and M.O.R.D. technical specifications section 800, 900 and 1200 complete including carriage of materials within all kinds of leads, lifts and other incidental and as per the entire specification and directions of Engineer-in-Charge . The rate including octroi, royalty, Malkana, toll tax, sale tax.GST or other taxes imposed by the Government.	2.52	Cubic Metre			Per Cubic Metre	
5	Supplying fitting and placing upto all heights/ depths HYSD bars reinforcement in super structure complete as per drawing and MORD technical specification section 1000 including cutting, bending binding and placing in position complete in all respect including cost of binding wire up to all heights and as per directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in 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.	0.52	Tonne			Per Metric Tonne	

6	Providing and laying mechanically mixed and vibrated reinforced cement concrete in super structure as per drawing and M.O.R.D. technical specification section 800 and 1400 R.C.C. Grade M-25 (M-twenty five) design mix cement contents not less than 400 kg. (four hundred kilogrammes) per cubic metre with 20mm (twenty millimeter) nominal size graded crushed stone aggregate and curing complete including cost of form work but excluding the cost of reinforcement for reinforced concrete work in deck slab, wheel guard etc. as per the direction and entire satisfactions 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.	1.81	Cubic Metre			Per Cubic Metre	
7	Providing and laying mechanically mixed and vibrated reinforced cement concrete nominal mix 1:2:4 (one cement : two sand : four graded crushed stone aggregate 20mm (twenty milimetres) nominal size) mix design to obtain the minimum compressive strength of Grade M-20 (M-Twenty) in sub structure as per drawing and M.O.R.D. technical specifications for rural roads clause 802,804,805,806, 807, 1202 and 1204 including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in open foundation and curing complete including haulage of material within all leads, lifts and other incidentals as per the entire satisfaction and direction of the Engineer-in-Charge. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes as imposed by the Government.	2.32	Cubic Metre			Per Cubic Metre	
8	Back filling with granular material obtained from approved quarry/ road side cutting behind abutments, wing wall return walls, and retaining walls/ Breast walls complete as per drawing and MORD technical specifications clause 1603.5 and 1604.7 and section 300 and as per directions 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 or other taxes imposed by the Government.	0.78	Cubic Metres			Per Cubic Metre	

9	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists channels angles, tee. flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like, including carriage of materials within all leads lifts and other incidental charges. The rate including octroi, royalty, malkana, toll tax, sale tax, GST or other taxes as imposed by the Government.	2.30	Kilogram			Per Kilogram	
						Total:	


 Executive Engineer,
 Jawali Division, HP PWD
 Jawali