

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.PW-SRDD-CB-CTR-NIT-2023-24-

16263-312

Dated:- 21-10-2023

To

✓ The Executive Engineer (IT Cell)
H.P.P.W.D. Nigam Vihar Shimla-2.

Subject:- Notice Inviting Tender for uploading the same on departmental website.

Enclosed please find herewith Notice Inviting Tender (NIT) of various works in respect of this office for uploading the same on departmental website.

Encl:-Copy of NIT

Executive Engineer,
Shimla Rural Division
H.P.P.W.D. Dhami
Ph. 0177-2790534

Copy forwarded for the following for information and necessary action to:-

1. The Engineer-in-Chief, HPPWD., Nirman Bhawan, Nigam Vihar, Shimla-2
2. The Chief Engineer, (SZ) HPPWD., Nirman Bhawan, Nigam Vihar, Shimla-
3. The Superintending Engineer, 4th Circle, HPPWD., Shimla-3.
4. All the Superintending Engineer, in HPPWD. (SZ)
5. The Deputy Commissioner Shimla Distt. Shimla.
6. The Sub Divisional Magistrate Shimla.
7. All the Executive Engineers in HPPWD, (SZ).
8. All the Assistant Engineer, working under this division.
9. All the heads of the branches in this office.
10. Notice Board.

✓ Executive Engineer,
Shimla Rural Division
H.P.P.W.D. Dhami
Ph. 0177-2790534

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Sealed percentage tenders on PWD Form 6 & 7/8 are hereby invited by the Executive Engineer Shimla Rural Division H.P.P.W.D. Dharmi on behalf of Governor of Himachal Pradesh for the followings works from the eligible contractors enlisted in H.P.P.W.D. (B&R) whose registration stood renewed as per revised rules and also registered under the Central Goods and Services Tax Act, 2017 so as to reach in this office on before **01.11.2023 up to 11:30 AM** and the same shall be opened on the same day at **12:00 P.M.** in the presence of intending contractors or their authorized representative who may like to be present. The Tenders documents can be had from this office against cash payment (Non-refundable) on **31.10.2023 up to 4:30 PM** and the application for issue of tender form shall be received on **30.10.2023 up to 5:00 PM.**

The amount of earnest money in the shape of NSCs/FDR deposit at call of any of the Post office/Bank duly pledged in favour of Executive Engineer Shimla Rural Division HPPWD Dharmi must be accompanied with the application for tender documents. Please not no exemption order of earnest money will be entertained. Conditional tenders and the tenders received without earnest money as mentioned above will similarly be rejected. The offer of the tenders shall be kept open for 75 days. **The Executive Engineer reserve right to reject any tender of all tenders without assigning any reasons.** If it happens to be a holiday on the day of opening of tenders the same will be opened on next working day at the same time and venue.

Sr. No	Name of Work	Estimated Cost In Rs.)	EMD	Tender cost	Time
1	Annual repair & maintenance of Shimla Mandi road portion Km. 22/00 to 33/300 and 39/200 to 52/300. (SH: Providing patch work in between Km. 22/00 to 26/00, 26/00 to 29/00 and 39/00 to 52/300 at various Rds.) Under MMSRRY for 2023-24.	430524/-	8100/-	350/-	One Months
2	Annual repair & maintenance of Slapper Tattapani road portion Km. 72/00 to 86/00. (SH: Providing patch work in between Km. 72/00 to 76/00).	358770/-	8000/-	350/-	One Months
3	Construction of 23.00 Mtr. Span single lane RCC T-Beam bridge on Thachi Rehana road over Sainj Khad (SH: Cutting in approach road connecting to bridge on Thachi side for improving the curve). Under MMGSY.	493624/-	10000/-	350/-	One Months
4	Metalling & Tarring of tara Mata Mandir road Km. 0/00 to 2/200 (SH: Providing and laying metalling and tarring with 30 mm thick BC in extended portion in Km. 0/00 to 0/320).	496265/-	10000/-	350/-	One Months
5	Metalling & Tarring of tara Mata Mandir road Km. 0/00 to 2/200 (SH: Providing and laying metalling and tarring with 30 mm thick BC in extended portion in Km 0/320 to 0/640).	496265/-	10000/-	350/-	One Months
6	A/R & M/O on Shoghi Mehli road Km. 0/00 to 12/375 (SH: Providing and laying G-III, B.M. & B.C. in between Km. 11/00 to 11/350).	498522/-	10000/-	350/-	One Months
7	A/R & M/O on Shoghi Mehli road Km. 0/00 to 12/375 (SH: Providing and laying G-III, B.M. & B.C. in between Km 11/350 to 11/700).	497704/-	10000/-	350/-	One Months

8	Improvement widening on Slapper Tatapani Suni Luhri road Km. 72/00 to 86/00 (SH: Improvement /widening of geometrics, at Rd. 79/675 to 79/720).	355606/-	7200/-	350/-	One Months
9	Improvement widening on Slapper Tatapani Suni Luhri road Km. 72/00 to 86/00 (SH: Improvement /widening of geometrics, at Rd. 79/735 to 79/775).	340819/-	6900/-	350/-	One Months
10	Construction of Tara Mata Mandir road Km. 0/00 to 2/200 (SH: C/O V-shape drain in C.C 1:3:6 in Km. 0/00 to 0/800).	496536/-	10000/-	350/-	One Months
11	Construction of Tara Mata Mandir road Km. 0/00 to 2/200 (SH: C/ORCC Hume pipe culvert 900 mm dia with wing wall at Rd. 0/500 & 1/500).	475880/-	10000/-	350/-	One Months
12	Construction of 16-mile Sedan road Km. 0/00 to 3/135 (SH: Construction of RCC Hume pipe culvert 900 mm dia at Rds 2/015 & 2/300).	481618/-	10000/-	350/-	One Months

Followings documents should be attached with the application for tenders:-

- (i) The Contractors are requested to be produced a copy of their PAN No. GST No. copy of enlistment renewed letter and EPF certificate alongwith FDR against earnest money.
- (ii) Special care would be taken to write the rates both in figures and in word failing which tender is likely to be rejected.

Executive Engineer
Shimla Rural Division
H.P.P.W.D. Dhamsi

Certificate

Certified that the tenders called vide this notice inviting tender for 12(Twelve) jobs are due to exigencies/emergency of works in the larger public interest.

Executive Engineer
Shimla Rural Division
H.P.P.W.D. Dhamsi.

Schedule of Quantity	
Name of work:- Annual repair and maintenance of Shimla Mandi Road Portion km 22/00 to 33/300 and 39/200 to 52/300.(SH:Providing Patch work in between km 22/00 to 26/00,26/00 to 29/00 and 39/00 to 52/300 at various Rds) Under MMSRRY for 2023-24	Estimated Cost:- 4,03,524.00
	Earnest Money:- 8,100.00
Time:- One Month	

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dhami.

Schedule Of Quantity

Name of work:- Annual repair and maintenance of Slapper Tattapani Suni Luhari road portion km 72/00 to 86/00.(SH:Providing Patch work in between km 72/00 to 76/00)

to 86/00.(SH:Providing Patch work in between km 72/00 to 76/00)										Estimated Cost:- 3,58,770.00	
										Earnest Money:- 8,000.00	
										Time :- One Month	
S.No	Description of Work	No.of Qty.		Rate		Unit	Amount				
				In figures	In words						
1	2	3	4	5	6	7	8				
1	Proving and applying tack coat with bitumen emulsion (RS – 1) using emulsion pressure distributor at the rate of 0.25 Kg to 0.30 Kg per Sqm. On the prepared bituminous surface cleaned with hydraulic broom as per Technical Specification clause 503. including entire Carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1000.00	Sqm	22.19	Rupees Twenty two and paise nineteen only	Per square metre	22190.00				
2	Providing laying and rolling of close-graded premix surfacing materials of 20 mm (twenty millimeter) thickness composed of 11.20 to 0.90 mm (eleven point two to zero point nine millimeter) Type-A or 13.20 mm to 0.90 mm (Thirteen point two to zero point nine millimeter) Type-B aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant,laying and rolling with a three wheel 8-10 K/N static roller and finishing to required level and grades completeincluding entire carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge	1000.00	Sqm	336.58	Rupees Three hundred thirty six and paise fifty eight only	Per square Meter	336580				
Amount procured by the contractor in percentage		Rs				Total:-	358770.00				
Conditions :- all the Machinerries/materials will be procured by the contractor himself and bills will be submitted											

Executive Engineer,
 Shimla Rural Division,
 HP, PWD, Dharmi.

SCHEDULE OF QUANTITY

Name of work:- Construction of 25.00 Mtr. Span Single Lane RCC T-Beam Bridge on Thachi Rehana Road over Sainj Khad (Sh:- Cutting in approach road connecting to bridge on Thachi Side for improving the curve) under MMGSY

Estimated Cost: - Rs 493624/-
Earnest Money :- Rs. 10000 /-only
Time:- One Month

S.No.		Sub head and items of work		Qty.		Rate		Unit	Amount
1	2	3		In figure	In words	6	7		
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP.PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required), the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one sixth of SR and one third of HIR = 321.37 Cum Qty. which shall be proportionately increase/decrease as the qty. of earth work increase/decrease in all cases recovered from the contracto @ 300/- (Three Hundred only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	1285.48	Cum	384.00	Rupees Three Hundred Eighty Four Only	Per cubic metre	493624.00		
Total:								493624.00	
Amount Quoted by the Contractor in Percentage								Rs.	

Executive Engineer,
Shimla Rural Division,
HP PWD Dhami

Schedule Of Quantity

Name Of Work :- Metalling and Tarring of Tara Mata Mandir road km. 0/00 to 2/200
(SH:- Providing and laying Metalling and Tarring with 30 mm thick BC in extended portion in km. 0/00 to 0/320)

Estimated Cost:- 4,96,265.00

Earnest Money:-10,000.00

Time:- One Months.

S.No	Description of Work	No.of Qty.		Rate	In words	Unit	Amount
		3	4	In figures	6	7	8
1	2						
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404 By Mechanical Means	61.60	Cum	1600.00	Rupees One Thousand Six Hundred Only	Per cubic metre	98560
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405 By Mechanical Means	46.20	Cum	2075.00	Rupees Two Thousand Seventy Five Only	Per cubic metre	95865
3	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning the road surface with hydraulic broom and spraying primer at ther ate 1.05 kg (one point zero five kilogramme) per square metre using mechanical means as per Technical Specifications Clause 502 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge	616.00	Sqm	65.00	Rupees Sixty Five Only	Per Square meter	40040

4	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.275 kg (zero point two seven five kilogramme) per square metre on the prepared bituminous surface and cleaned with Hydraulic broom as per Technical Specification Clause 503 by mechanical means including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	616.00	Sqm	20.00	Rupees Twenty Only	Per Square metre	12320
5	Providing & laying 30mm thick Bituminous concrete with 100-120 TPH capacity batch type Hot Mix Plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 percent of mix and filler, transporting the hot mix to site of work, laying with a Hydrostatic paver finisher with sensor control to the required grade, level and alignment and rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORT&H Specification Clause No. 508, including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. The work Should be Executed as per Job Mix formula approved by the department. The rate should be quoted accordingly, nothing extra shall be applicable on this account.	18.48	Cum	13500.00	Rupees Thirteen Thousand Five Hundred Only	Per cubic metre	249480
Total Rs.							496265
Amount Quoted by the Contractor in Percentage							
Note :- All the material will procured by the contractor him self							

Executive Engineer,
 Shimla Rural Division,
 HP, PWD, Dharm. *Sign*

Schedule Of Quantity

Name Of Work :- Metalling and Tarring of Tara Mata Mandir road km. 0/00 to 2/200		Estimated Cost:- 4,96,265.00
SH:- Providing and laying Metalling and Tarring with 30 mm thick BC in extended portion in km.0/320 to 0/640)		Earnest Money:-10,000.00
		Time:- One Months.

S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404 By Mechanical Means	61.60	Cum	1600.00	Rupees One Thousand Six Hundred Only	Per cubic metre	98560
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405 By Mechanical Means	46.20	Cum	2075.00	Rupees Two Thousand Seventy Five Only	Per cubic metre	95865
3	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning the road surface with hydraulic broom and spraying primer at the rate 1.05 kg (one point zero five kilogramme) per square metre using mechanical means as per Technical Specifications Clause 502 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge	616.00	Sqm	65.00	Rupees Sixty Five Only	Per Square meter	40040

	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.275 kg (zero point two seven five kilogramme) per square metre on the prepared bitumenous surface and cleaned with Hydraulic broom as per Technical Specification Clause 503 by mechanical means including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	616.00	Sqm	20.00	Rupees Twenty Only	Per Square meter	12320
5	Providing & laying 30mm thick Bituminous concrete with 100-120 TPH capacity batch type Hot Mix Plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 percent of mix and filler, transporting the hot mix to site of work, laying with a Hydrostatic paver finisher with sensor control to the required grade, level and alignment and rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORT&H Specification Clause No. 508, including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. The work Should be Executed as per Job Mix formula approved by the department. The rate should be quoted accordingly, nothing extra shall be applicable on this account.	18.48	Cum	13500.00	Rupees Thirteen Thousand Five Hundred Only	Per cubic metre	249480
	Total Rs.						496265
	Amount Quoted by the Contractor in Percentage					Rs.	
	Note :- All the material will procured by the contractor him self						

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dhami. *[Signature]*

Schedule Of Quantity

Name Of Work :- A/R & M/O On Shoghi Mehli road km. 0/00 to 12/375 (SH:- Providing & Laying G-III, B.M. & B.C in between km. 11/00 to 11/350)

Estimated Cost:- 4,98,522 .00

Earnest Money:- 10,000.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
				In figures			
1	2	3	4	5	6	7	8
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading-III as per technical specification clause 40.5 using stone aggregate 45 mm to 22.40 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	23.90	Cum	1962.00	Rupees One Thousand Nine Hundred Sixty Two Only	Per cubic metre	46892
2	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning the road surface with hydraulic broom and spraying primer at their rate 1.05 kg (one point zero five kilogramme) per square metre using mechanical means as per Technical Specifications Clause 502 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge	436.20	Sqm	57.30	Rupees Fifty Seven and Paise Thirty Only	Per Square Metre	24994
3	Providing and laying Bitumen Penetration Macadam with hard stone aggregate of approved quality size and grading as specified, with bitumen of suitable penetration grade including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy for 50 mm compacted thickness using coarse aggregate of size 50-20 mm graded @ 0.60 cum per 10 sqm, key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG-10 @ 50 kg/10 sqm including entire carriage of materials upto all leads and lifts and as per the direction of Engineer in Charge. The work should be executed as per job mix formula approved by the department. The rates should be quoted accordingly, nothing extra shall be applicable on this account.	242.80	Sqm	495.00	Rupees Four Hundred Ninety Five Only	Per Square Metre	120186

Schedule Of Quantity

Name Of Work :- A/R & M/O On Shoghi Mehli road km. 0/00 to 12/375 (Sh:- Providing & Laying G-III, B.M. & B.C in between km.11/350 to 11/700)

Estimated Cost:- 4,97,704 .00
Earnest Money:- 10,000.00
Time:- One Months.

S.No	Description of Work	No.of Qty.		Rate	In words	Unit	Amount
		3	4	In figures	6	7	8
1	2 Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/bunding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading-III as per technical specification clause 40.5 using stone aggregate 45 mm to 22.40 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	24.74	Cum	1962.00	Rupees One Thousand Nine Hundred Sixty Two Only	Per cubic metre	48540
2	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning the road surface with hydraulic broom and spraying primer at the rate 1.05 kg (one point zero five kilogramme) per square metre using mechanical means as per Technical Specifications Clause 502 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge	391.42	Sqm	57.30	Rupees Fifty Seven and Paise Thirty Only	Per Square Metre	22428
3	Providing and laying Bitumen Penetration Macadam with hard stone aggregate of approved quality, size and grading as specified with bitumen of suitable penetration grade, including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy for 50 mm compacted thickness using coarse aggregate of size 50-20 mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm With paving asphalt grade VG-10 @ 50 kg/10 sqm including entire carriage of materials upto all leads and lifts and as per the direction of Engineer in Charge The work should be executed as per job mix formula approved by the department. The rates should be quoted accordingly, nothing extra shall be applicable on this account	243.00	Sqm	495.00	Rupees Four Hundred Ninety Five Only	Per Square Metre	120285

4	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.275 Kg (zero point two seven five kilogramme) per square metre on the prepared bituminous surface and cleaned with Hydraulic broom as per Technical Specification Clause 503 by mechanical means including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge	714.40	Sqm	21.00	Rupees Twenty One Only	Per cubic Square Metre	15002
5	Providing & laying 30mm thick Bituminous concrete with 100-120 TPH capacity batch type Hot Mix Plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 percent of mix and filler, transporting the hot mix to site of work, laying with a Hydrostatic paver finisher with sensor control to the required grade, level and alignment and rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MCORT&H Specification Clause No. 508, including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. The work Should be Executed as per Job Mix formula approved by the department. The rate should be quoted accordingly, nothing extra shall be applicable on this account	21.43	Cum	13600.00	Rupees Thirteen Thousand Six Hundred Only	Per cubic metre	291448
Total Rs.							497704
Amount Quoted by the Contractor in Percentage						Rs.	
Note :- All the material will procured by the contractor him self							

Executive Engineer,
Shimla Rural Division,
HP, PWD. Dhami. *[Signature]*

Schedule Of Quantity

Name Of Work :- Improvement widening on Slapper Tattapani Sunni Luhri road km. 72/00 to 86/00 (SH:- Improvement/ widening of Geometrics, at Rd. 79/675 to 79/720)		Estimated Cost:- 3,55,606.00
		Earnest Money:- 7200.00
		Time:- One Month.

S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
		3	4	In figures			
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all labour, machines, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required) The cost of all useful materials such as stones, shingles, aggregates, and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of the jumper work and one sixth of ballasting work (soft rock) one third of blasting work (Hard rock) 293.95 cum qty. which shall be proportionately increases/decreases as the anity of earth work increase/decrease in all cases recovered from the contractor at the rate of Rupees 300/- (Three hundred only) per cubic meter shall be effected, any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	881.85	Cum	403.25	Rupees Four Hundred Three and Paise Twenty Five Only	Per cubic metre	355606
Total Rs.							355606
Note :- All the material will procured by the contractor him self		Amount Quoted by the Contractor in Percentage					
						Rs.	

Executive Engineer,
Shilma Rural Division,
HPWD, Dharmu, Shimla

Schedule Of Quantity

Name Of Work :- Improvement widening on Slapper Tattapani Sunni Luhri road km. 72/00 to 86/00 (SH:- Improvement/ widening of Geometrics, at Rd. 79/735 to 79/775)

Estimated Cost:- 3,40,819.00
Earnest Money:- 6900.00
Time:- One Month.

S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
		3	4	In figures	6	7	8
1	<p>Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiselling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP.P.W.D specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required) The cost of all useful materials such as stones, shingles, aggregates, and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of the jumper work and one sixth of ballasting work (soft rock) one third of blasting work (Hard rock) 281 72 cum qty which shall be proportionately increases/decreases as the antiy of earth work increase/decrease in all cases recovered from the contractor at the rate of Rupees 300/- (Three hundred only) per cubic meter shall be effected, any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.</p>	845.18	Cum	403.25	Rupees Four Hundred Three and Paise Twenty Five Only	Per cubic metre	340819
Total Rs.							
Note :- All the material will procured by the contractor him self							
Amount Quoted by the Contractor in Percentage							
						Rs.	
							340819

Executive Engineer,
Shimla Rural Division,
HPPWD, Dharm 2501

Schedule Of Quantity

Name Of Work :- Construction of Tara Mata Mandir road km. 0/00 to 2/200 (SH:- C/O V-shape drain in C.C 1:3:6 in km. 0/00 to 0/800)

Estimated Cost:- 4,96,536.00

Earnest Money:- 10000.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Earth work in excavation for structures as per drawing and technical specification clauses 305.1 including setting out, construction of shoring bracing removal of stumps and other deleterious material and disposal up to lead of 50m dressing of sides and bottom and backfilling in trenches with excavated suitable material up to 3m depth. The rate including octroi, royalty, Malkana toll tax, GST or any other taxes input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	144.00	Cum	356.50	Rupees Three Hundred Fifty Six and Paise Fifty Only	Per cubic metre	51336
2	Providing and laying cement concrete grade P.C.C. M-10 (ten) nominal mix 1:3:6 (one cement is to three sand is to six graded crushed stone aggregate 20mm (Twenty millimetre) nominal size Mechanically mixed and vibrated in open foundation and plinths or similar works complete as per drawings and technical specifications MORC clause 802.803.1202 & 1203 and curing complete including the cost of form work and carriage of materials with in all leads, lifts and as per the direction of Engineer-In-Charge.	84.00	Cum	5300.00	Rupees Five Thousand Three Hundred Only	Per cubic metre	445200
Total Rs.							496536
Amount Quoted by the Contractor in Percentage						Rs.	
Note :- All the material will procured by the contractor him self							

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dharmi.



Schedule Of Quantity

Name Of Work :- Construction of Tara Mata Mandir Road km. 0/00 to 2/200 (SH:- Construction of RCC hume pipe Culvert 900 mm dia with wing wall at Rd. 0/500 & 1/500)

Estimated Cost:- 4,75,820.00

Earnest Money:- 9600.00

Time:- One Months.

S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2 Earth work in excavation for structures as per drawing and technical specification clauses 305.1 including setting out, construction of shoring bracing removal of stumps and other deleterious material and disposal up to lead of 50m dressing of sides and bottom and backfilling in trenches with excavated suitable material up to 3m depth. The rate including octroi, royalty, Malkana toll tax, GST or any other taxes input/output or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	3	4	5 81.64 Cum 356.50	6 Rupees Three Hundred Fifty Six and Paise Fifty Only	7 Per cubic metre	8 23175
2	Providing and laying cement concrete 1:4:8 (1 cement 4 Sand 8 graded stone aggregate 20mm nominal size) and curing complete excluding the cost of form work in Foundation and plinth including carriage of material. The rate including octroi, royalty, Malkana toll tax, GST or any other taxes input/output or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	58.76	Cum	4800.00	Rupees Four Thousand Eight Hundred Only	Per cubic metre	282243
3	Providing and laying cement concrete drain with cement concrete 1:3:6 (one cement 3 sand 6 graded stone aggregate 20 mm nominal size) mechanically mixed in open surface drain with plinth protection having internal size 20x15 cm & with side wall of 10 cm thick & inside plastering with CM 1:3 including earthwork & finished with floating coat of neat cement complete as per standard design as per HPPWD specification 1960 Volume - I including carriage of all labour equipments and materials to various location through complete including carriage of material in all leads and lifts as per direction of Engineer in Charge	20.08	Cum	5300.00	Rupees Five Thousand Three Hundred Only	Per cubic metre	106424

4	Providing laying and jointing reinforced concrete 900mm diameter pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, back filling concrete and masonry works in head walls and parapets clause 1106 including octroi, royalty, Malkana toll tax, GST or any other taxes input or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	10.00	Rmt	3950.00	Rupees Three Thousand Nine Hundred Fifty Only	Per running metre	39500
5	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.8 including cartage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge.	16.92	Cum	841.80	Rupees Eight Hundred Forty One and Paise Eighty Only	Per cubic metre	14243
6	Providing and laying weapholes in brick masonry /stone masonry /plain reinforced concrete abutment, wing wall return wall with 100mm (one hundred)millimetredia PVC pipe extending through the full with of the structures with slop of 1(v):20 (H) towards drawing face complete as per drawings and technical specifications MORR clause 614.709,1204.3.7 The rate including octroi, royalty, Malkana toll tax, GST or any other taxes input or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same	24.00	Rmt	190.00	Rupees One Hundred Ninety Only	Per running metre	4560
Total Rs.							475880
Amount Quoted by the Contractor in Percentage						Rs.	
Note :- All the material will procured by the contractor him self							

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dharmu. 

Draft Schedule Of Quantity

Name of work:- Construction of 16- mile sedan Road Km 0/00 to 3/135..(SH: Construction of Rcc Hume pipe Culvert 900 mm dia at Rds 2/015 & 2/300

Estimated Cost:- 4,81,618.00
Earnest Money:- 10,000.00
Time allowed : Two months

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1.0	Earthwork in excavation in hilly area by manual/mechanical means i/c cutting and trimming and side slope for structures as per drawing and technical specification clause 305.1 and disposal of surplus excavated earth upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable materials and disposing of unserviceable material, disposed earth to be levelled and neatly dressed as per MORD Specification and as per the direction of Engineer-In-Charge	45.48	Cum	233.40	Rupees Two hundred three and paise forty only	Per cubic metre	10615.00
2.0	Earthwork in excavation for structures as per drawing and technical specification clause 305.1 including setting out construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of surplus excavated earth upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable materials and disposing of unserviceable material, disposed earth to be levelled and neatly dressed as per MORD Specification and as per the direction of Engineer-In-Charge	53.01	Cum	356.50	Rupees Three hundred fifty six and paise fifty only	Per cubic metre	18898.00
3.0	Providing and laying Mechanically mixed and vibrated Plain cement concrete 1:5:10 (one cement isto five sand isto ten graded crushed stone aggregate 40 millimetre) forty millimetre nominal size for plain / reinforced concrete in open foundation and plinths or similar works complete as per drawings and technical specifications MORD clause 802,803,1202 & 1203 and curing complete including the cost of form work and carriage of materials in all leads lifts as per the direction of Engineer-In-Charge	83.66	Cum	3419.57	Rupees three thousand four hundred nineteen and paise fifty seven only	Per cubic metre	286081.00
4.0	Providing and laying Nominal mixed and vibrated Plain cement concrete M-10 nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 40 millimetre) forty millimetre nominal size for plain / reinforced concrete in open foundation and plinths or similar works complete as per drawings and technical specifications MORD clause 802,803,1202 & 1203 and curing complete including the cost of form work and carriage of materials in all leads lifts as per the direction of Engineer-In-Charge	18.77	Cum	4508.50	Rupees four thousand five hundred eight and paise fifty only	Per cubic metre	84625.00
5.0	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303 (i) Rubble stone laid in cement mortar 1:3 including carriage of material in all leads and lifts as per the direction of engineer in charge.	0.98	Cum	9919.10	Rupees Nine thousand nine hundred nineteen and paise ten only.	Per cubic metre.	9721.00
6.0	Providing and laying reinforced concrete pipe IS (Indian Standard) class NP-2 (Non Pressure -Two) of 900 (Nine hundred) millimeters internal dia meter for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement is to two sand) but excluding excavation ,protection work ,back filling ,concrete and masonry work in head walls and parapets clause 1108 as per drawings and technical specifications MORD including carriage of materials in all leads lifts as per the direction of Engineer-In-Charge.	15.00	Cum	3616.60	Rupees three thousand six hundred sixteen and paise sixty only	Per cubic metre	54249.00

