Himachal Pradesh Public Works Department

NO/PW/SNG/CB/E-16/Tender/2023-24- 6839 - 6889Dated: - 21 - 2 - 2024

The Executive Engineer (IT Cell), Nigam Bihar, H.P. Shimla-2. cc-pwd-hp@nic.in

Subject: -Publication of Tender Notice.

Sir,

Enclosed please find herewith notice of various works as given in the Tender Inviting Tender for uploading on departmental website as per notification Pr. Secy (PW) to the Govt of Himachal Pradesh Letter No. PBW(B)A(3)1/2020 dated Shimla -2 the 16^{th} July 2021 as the works mentioned in the tender Notice are urgent nature and public interest.

Encl: -NIT and Schedule of Quantity

Yours faithfully,

Executive Engineer Sangrah Division

PPPWD Sangran

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

- 1. The Engineer –in- Chief, , HPPWD Shimla-2 please
- 2. The Chief Engineer (SZ), HPPWD Shimla-2 please.
- 3. The Deputy Commissioner, Sirmaur Distt. Sirmour at Nahan Please.
- 4. The SDM Sangrah please.
- 5. The Superintending Engineer, 12th Circle HPPWD Nahan please.
- 6. The BDO Sangrah please.
- 7. All the Assistant Engineers under this division to display on their respective Notice Boards.
- 8. The Notice Board.

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT SHORT TERM NOTICE INVITING TENDERS

Sealed **percentage rate tenders** on from 6 & 8 are hereby invited by the Executive Engineer, Sangrah Division, HP.PWD. Sangrah on behalf of the Governor of H.P. for the following works from the approved and eligible contractors enlisted with HPPWD under revised rules:-

Tender Schedule:-

Date and time of receipt of application for tender form-01.03.2024 up to 04:00 PM

Date and time of issue/Sale of tender form-04.03.2024 up to 04:00 PM

Date and time of receipt of tender form-05.03.2024 up to 11:00 AM

Date and time of opening tender form-05.03.2024 at 11:30 AM

The tender form can be had from the office of the Executive Engineer against Cash (Non-refundable). The earnest money should be in the shape of Fixed Deposit duly pledged in favour of the Executive Engineer Sangrah Division HPPWD Sangrah must accompany each tender. Conditional tender and the tender received without earnest money will summarily be reject. The offer will be kept open for 75 days. The Executive Engineer reserves the right to reject one or all tenders without assigning any reason.

Sr. No.	Name of work	Estimated cost in Rs.	EMD in Rs.	Cost of Tender	Time Allowe d	Class of Contra ctor
1.	C/O Link road Bhatewri to bhog km. 0/00 to 4/00 (SH:- C/O 900 MM Dia RCC Hume Pipe Culvert at RD. 1/810) Under MMGSY	4,59,835/-	9,200/-	Rs. 350/-	03 Months	Class C & D
2.	C/O Link road Bhatewri to Bhog km. 0/00 to 4/00 (SH:- P/L essentail Kharanja stone soling and C/O Unlined drain from km. 0/00 to 4/00 in essential reaches)Under MMGSY	4,78,016/-	9,600/-	Rs. 350/-	03 Months	Class C & D
3.	C/O link road to village Devamanal 0/00 to 1/400 (SH:- P/L interlocking paver block from RD. 0/980 to 1/085)Under MMGSY	4,74,053/-	9,500/-	Rs. 350/-	03 Months	Class C & D
4.	C/O link road to village Devamanal 0/00 to 1/400 (SH:- P/L interlocking paver block from RD. 1/085 to 1/195)Under MMGSY	4,96,626/-	9,900/-	Rs. 350/-	03 Months	Class C & D

5.	C/O link road to village Devamanal 0/00 to 1/400 (SH:- P/L interlocking paver block from RD. 1/195 to 1/300)Under MMGSY	4,74,053/-	9,500/-	Rs. 350/-	03 Months	Class C & D
6.	C/O link road to village Devamanal 0/00 to 1/400 (SH:- P/L interlocking paver block from RD. 1/300 to 1/400)Under MMGSY	4,51,477/-	9,100/-	Rs. 350/-	03 Months	Class C & D
7.	C/O Link road from Gajwa (GSSS Sangna Sathan) to Chunoti km 0/00 to 9/615 (SH:- C/O 900 MM Dia RCC Hume Pipe Culvert at RD. 2/840) Under MMGSY	4,45,321/-	8,900/-	Rs. 350/-	03 Months	Class C & D
8.	C/O Link road from Gajwa (GSSS Sangna Sathan) to Chunoti km 0/00 to 9/615 (SH:- C/O 900 MM Dia RCC Hume Pipe Culvert at RD. 2/975) Under MMGSY	4,49,985/-	9,000/-	Rs. 350/-	03 Months	Class C & D
9.	C/O Link road from Gajwa (GSSS Sangna Sathan) to Chunoti km 0/00 to 9/615 (SH:- C/O 900 MM Dia RCC Hume Pipe Culvert at RD. 3/405) Under MMGSY	4,46,879/-	9,000/-	Rs. 350/-	03 Months	Class C & D
10.	C/O Haripurdhar Kupvi Road km. 0/00 to 6/500 (SH:- C/O RCC Hume Pipe Culvert at RD. 5/030) Under MMGSY	4,57,778/-	9,100/-	Rs. 350/-	03 Months	Class C & D
11.	C/O Haripurdhar Kupvi Road km. 0/00 to 6/500 (SH:- C/O RCC Hume Pipe Culvert at RD. 5/105) Under MMGSY	3,23,102/-	6,500/-	Rs. 350/-	03 Months	Class C & D
12.	C/O Haripurdhar Kupvi Road km. 0/00 to 6/500 (SH:- C/O RCC Hume Pipe Culvert at RD. 2/545 & 4/285) Under MMGSY	4,11,979/-	8,300/-	Rs. 350/-	03 Months	Class C & D
13.	C/O Haripurdhar Kupvi Road km. 0/00 to 6/500 (SH:- C/O RCC Hume Pipe Culvert at RD. 3/050 & 3/630) Under MMGSY	4,88,536/-	9,800/-	Rs. 350/-	03 Months	Class C & D
14.	C/O Haripurdhar Kupvi Road km. 0/00 to 6/500 (SH:- C/O RCC Hume Pipe Culvert at RD. 4/610) Under MMGSY	4,41,497/-	8,900/-	Rs. 350/-	03 Months	Class C & D

15	C/O Link Road Village Chambi Km.	4,72,675/-	9,500/-	Rs. 350/-	03	Class C
15.	0/00 to 3/000(SH:- 5/7 mtr. Wide	1,72,0737	3,5007		Months	& D
	formation cutting from RD. 2/105 to					
	2/380)Under MMGSY	8				
16.	C/O Link Road Village Mandbag to	4,78,357/-	9,600/-	Rs. 350/-	03	Class C
10.	Chushoti Km. 0/00 to 3/500(SH:-		,		Months	& D
	Jeepable to motorable road from RD.					
	2/675 to 3/030)Under MMGSY				1.0	
17.	Construction of Link road from	4,83,075/-	9,700/-	Rs. 350/-	03	Class C
	village Ratwa to kuna via Tholla			Wings of	Months	& D
	Kulyari jarna Balaina km 0/00 to			-11		3
	6/500 (SH:- 5/7 mtr wide formation					
	cutting from km. 5/315 to 5/570)			*		
	Under MNP	. == 000 /	0.5007	D= 250/	03	Class C
18.	Construction of Link road from	4,75,239/-	9,500/-	Rs. 350/-	Months	& D
	village Ratwa to kuna via Tholla	1			Months	
	Kulyari jarna Balaina km 0/00 to					
	6/500 (SH:- C/O Hume pipe culvert	v				
	at RD. 4/195, and Breast Wall from		¥.			
19.	RD. 4/350 to 4/364) Construction of Link road from	4,62,890/-	9,300/-	Rs. 350/-	03	Class C
19.	village Ratwa to kuna via Tholla	1,02,0707	7,000/		Months	& D
	Kulyari jarna Balaina km 0/00 to					
	6/500 (SH:- C/O Hume pipe culvert	- 0				1 2 2
	at RD. 4/345)					
20.	R/R damages on various road under	4,90,499/-	9,900/-	Rs. 350/-	03	Class C
	Renuka Ji Sub- Division (SH:-				Months	& D
	Removal of slips in Renuka section)	(A)			00	(C) (C
21.	Repair and maintenance of Charna	4,72,416/-	9,500/-	Rs. 350/-	03 Months	Class C & D
	Bhawai Sangrah Road km. 14/00 to				Months	W D
	22/00 (SH:- C/O R/wall in PCC from					1.54
12.12	RD. 17/650 to 17/669)	2040257	0.5007	Rs. 350/-	03	Class C
22.	Providing Renewal coat on link road	2,94,825/-	9,500/-	KS. 350/-	Months	& D
	to Rest House Haripurdhar 0/00 to				1. TOTALIS	
	0/440 & Rest House Campus (SH:-		8 - ,			L fig Is I
	P/L 25 mm thick Bitumininous	1				
	concrete)			1		

Certificate: - It is certified that the tenders of above works are exigency /emergent nature and in public interest.

Terms and conditions:-

1. The contractors shall produce their latest registration/ renewal of their registration/ Acknowledgement of up to date filed GST Return along with Certificate of GST Registration as per Condition No. 16(iii)/ EPF No. and earnest money should be

accompanied with application. Application without earnest money will not be entertained.

 Ambiguous/ telegraphic/Conditional tenders or tender by fax/ E- mail shall not be entertained/ considered and will summarily be rejected. Tender received after due date and time will be rejected.

3. The offer shall remain valid up to 75 days.

- 4. The contractor/bidder should quoted in percentage in words as well as in figures failing which XEN reserves the right to accept/ reject any or all tenders.
- 5. The contractor /bidders must inspect the site to ascertain /familiar the site conditions, accessibility etc. before quoting the bid/tender.
- 6. The tender documents shall be issued to only those contractors who does not have more the two works in hand in any HPPWD Circle/Division worth Rs. 1.00 Crore each.
- 7. That all your rates are inclusive of GST as such you will pay whole of it and you would not claim anything extra on this account from the Department.
- 8. The provisions of notification issued vide Additional Chief Secretary (PW) to the Govt. of HP. Shimla notification No. PBW (B) A (3)1/2018 dated 13.04.2021 shall also be applicable.

Provisions of the Addl. Chief Secretary (PW) to the Govt. of HP letter No. PBW(B)C(17)2/2012

dated 07.08.2018 are applicable.

The bidders are requested to submit their bid as per Notification issued by the Principal secretary PW to the Govt. of HP vide No.PBW(B)A(3)1/2020 dated 22.07.2020 & Govt. of HP vide No.PBW(B)A(3)1/2020-I dated 07.10.2021 and Engineer-in-Chief HPPWD Shimla-2 letter No.PW/CTR/32-20/Genl. Inst. CPWD/2020-37996-38095 dated 13.03.2023.

Executive Engineer, Sangrah Division, NP.PWD; Sangrah.

Copy forwarded for information & necessary action to:-

- 1. The Engineer-in-Chief, HP.PWD, Shimla-2 please.
- 2. The Chief Engineer (SZ) HPPWD Shimla-2 please.
- 3. The Deputy Commissioner Distt. at Nahan please.
- 4. The Superintending Engineers 12th Circle HPPWD Nahan please.
- 5. The SDM/BDO, Sangrah please.
- 6. All the Assistant Engineers under this Division.
- 7. The Drawing Branch of this office.
- 8. Notice Board.

SCHEDULE OF QUANTITY

Name of Work:- C/O Link road Bhatewri to bhog km. 0/00 to 4/00 (SH:- C/O 900 MM Dia RCC Hume Pipe Culvert at RD. 1/810) Wader Inno Barnest Money: 9,200/-2 No Sr. specification clause 802,803,1202 & 1203. for parapets as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge stone aggregate forty milimetre nominal size) in open foundation complete as per drawing and technical Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand : Eight graded through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineerhim in all respect including haulaging/ carriage of all labours, equipments and materials to various locations materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by public and private properities during the course of execution and disposal of serviceable and un-serviceable extends in all leads, lifts through all modes of transportation and all others incidental charges any loss to the single, aggregate and slates shall be sorted out and stacked along road side to the maximuim possible its levelling fine dressing and all labour, mechnieries materials,tools,equipments and incidental necessary to sites through all modes of transpsportation including head load animal load or mechanical means alongwith grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping complete the work by mechanized means and labouor(if any required). All useful materials such as stone usefull materials for filling in roadways embankments for grades improvements and levelling to required shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-I, and including dewatering where ever required, setting out to required lines, levels as shown on the drawings and chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in all cases including haulaging/ carriage of all labours, equipments and materials to various locations through the whole responsibility of the contractor which shall have to be duly compensated by him at his on cost in the Engineer-in-charge, any loss to the public or private property during the course of excavation shall be trimming filling of uneverness blind age and finishing of the road to specified dimension or as directed by in specified manner, systematically with level consideration to avoiding a diverse effects on environment, disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places excavated suitable materials and stacking of materials useful for construction at suitable sites and safe other deleterious materials including dressing of sides and bottom and back filling in trenches with hundred five point one) including setting out, coustruction of shoring and bracing, removal of stumps and Excatation in soil in hilly area in all depths using manual means as per drawing and technical specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause 305.1 (three Description of Item 70.67 45.43 16.98 **Net Quantity** Per Cum metre cubic metre cubic Per cubic Cum Per Per cubic metre metre Unit Estimated Cost: 4,59,835/ Time Limit: Three Months 4435.99 489.00 In Figure 328.00 Only Paise ninty ninet) hundred thirty five & thousand four Rupees (Four Hundred eighty nine & Paise Zero) Only In Words Hundred twenty eight & Paise zero) Only Rupees (Four Rupees (Three 313491 22215 Amount 5569

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	00	7	o	5	4
Total:-	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7 . as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying flooring laid over cement concrete beding complete as per drawing and technical specification clause-1303. Rubble stone laid in cement mortar 1:3 (One Cement: Three sand) as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying reinforced cement concrete pipe NP2 as per design in single row,culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	Providing concrete for plain/reinforced concerete in sub structure as perdrawings and technical specification clause 802,803,1202 & 1203,PCC Grade M-15,PCC 1:2.5:5.(One Cement: two point Five sand: Five graded stone aggregate)—upto all Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge
	9.35	12	0.49	7.00	13.50
	cubic	Nos	cubic metre	Rmt	cubic
	Per cubic metre	Each	Per cubic metre	Per Running metre	Per cubic metre
	865.44	271.46	4229.00	4454.99	5477.98
	Rupees (Eight Hundred sixty five & Paise forty four) Only	Rupees (Two Hundred seventy one & Paise forty six) Only	Rupees (Four thousand two hundred twenty nine & Paise zero) Only	Rupees (Four thousand four Hundred fifty four & Paise ninty nine) Only	Rupees (Five thousand four Hundred seventy seven & Paise ninty eight) Only
459835	8092	3258	2072	31185	73953

Quated rate in words (+/-)	Quated rate in figure (+/
(+/-)	+/-)%)

			Total:	
91.00	per Rmi 91	500 00 per	Construction of unlined surface drains of average Cross section area 0.40 Sq. m. in soil to specified line grades. Levels and dimensions, Excavated material to be used in embankment with a lift upto 3m and lead of 50 m (average lead 25 m) as per techinical specification clause 307 as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	4
	per cum 1350.09	315.07 per	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the to the required gradeint and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP PWD. specification 100mm spread thickness (finished work including materials and labour)	ω
Rupees (One & Paise thirty) Only	Sqm 1.30	2100.45 per Sqm	Consolidating of sub-grade with road roller including making good the undulationetc with earth or quarry soil etc. and rerolling the sub-grade completed as per HP PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	2
Rupees (Two & Paise ten) Only	per Sam 2.10	2100 45 per	grade by dressing to cambor (earth work) for the cutting involved or sub-grade to ely depending upon the classification of soil completed, as per HP.PWD ing hauling of material in all leads, lifts as per the entire satisfaction and direction of	
R	Unit In Figure	Net Ur	Description of Item	Sr.
hree		and C/O Unlined	/L essentail Kharanja stone soling	Name drain
ost: 4.	Estimated Cost: 4,78,016/-	70220 X	SCHEDING TO THE STATE OF OUT IT	

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Quated rate in words (+/-)	Quated rate in figure (+/-)%)
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Signature of contractor with full address.

Name	Job No. Name of work :- C/O link road to village Devamanal 0/00 to 1/400 (SH:- P/L interlocking paver block from RD. 0/980 to	Jo n RD. 0/980		5) under	1/085) Urole Estimated Cost: 4,74,053/-	t: 4,74,053/- : 9,500/-	
	The state of the s	n KD. 0/980		K SEPLEMENT (C	Editiest Money	: 9,500/-	
1				/ could!	Time Limit: Three Months	ee Months	
Z S.	Description of Item	Net Quantity	antity	Unit		Rate	Amount
NO					In Figure	In Words	
-	Excavation in foundation,trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work.jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting out to required lines, levels as shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the useful materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transpsportation including	2.21 Cum	. Cum	Per cubic metre	364.00	Rupees (Three Hundred Sixty Four & Paise Zero) Only	804

	4				No
Total:-	Providing and Laying of Interlocking Concrete Blook Pavements having thickness 80 mm (M-40) ISI marked as per drawing and Technical Specification Clause 1504 including all leads lifts and carriageof materials. ISI or Equivalent.	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the to the required gradeint and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD., specification 100mm spread thickness (finished work including materials and labour).	Provinding Concrete for plain /reinforced concrete in open foundations complete as per drawings and technical specification Clause 802,803,1202 &1203 RCC grade M-20 nominal mix 1:2:4(One cement :Two sand :Four graded stone aggregate).including all leads lifts and carriage of materials.	Excavation in foundation,trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work,jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required,setting out to required lines,levels as shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-1, and shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the useful materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transpsportation including head load animal load or mechanical means alongwith its levelling fine dressing and all labour, mechnieries materials, tools, equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and slates shall be sorted out and stacked along road side to the maximuim possible extends in all leads, lifts through all modes of transportation and all others incidental charges any loss to the public and private properties during the course of execution and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer-in-Charge.	
	288.75	43.31	9.45	2.21	
	Sqm	Cum	Cum	Cum	
	Per Square metre	Per cubic metre	Per cubic metre	Per cubic metre	
	1,255.26	1349.06	5540.80	364.00	In Figure
	Rupees (One thousand Two Hundred fifty Five & Paise Twenty Six)	Rupees (One thousand Three Hundred Forty Nine & Paise Six) Only	Rupees (Five thousand Five hundred forty & Paise Eighty) Only	Rupees (Three Hundred Sixty Four & Paise Zero) Only	In Words
474052	362457	58431	52361	804	

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Total:-	Providing and Laying of Interlocking Concrete Blook Pavements having thickness 80 mm (M-40) ISI marked as per drawing and Technical Specification Clause 1504 including all leads lifts and carriageof materials. ISI or Equivalent.	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the to the required gradeint and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD., specification 100mm spread thickness (finished work including materials and labour).	Provinding Concrete for plain /reinforced concrete in open foundations complete as per drawings and technical specification Clause 802,803,1202 &1203 RCC grade M-20 nominal mix 1:2:4(One cement :Two sand :Four graded stone aggregate).including all leads lifts and carriage of materials.	Sr. Description of Item No Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting out to required lines, levels as shown on the drawings and as directed by the Engineer—Ncharge at site, according to the HPPWD specification of 1990-Volume1, and shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the useful materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumphing sites through all modes of transportation and all others incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and siates shall be sorted out and stacked along road side to the maximulim possible extends in all leads, lifts through all modes of transportation and all others incidental charges any loss to the public and private properities during the course of execution and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all abours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer-in - Charge.
	302.50	45.38	9.90	Net C 2.31
	Sqm	Cum	Cum	Net Quantity 2.31 Cum
	Per Square metre	Per cubic metre	Per cubic metre	95)Undez Unit Per cubic metre
	1,255.26	1349.06	5540.80	Earnest Money Time Limit: Thr In Figure 364.00
	Rupees (One thousand Two Hundred fifty Five & Paise Twenty Six) Only	Rupees (One thousand Three Hundred Forty Nine & Paise Six) Only	Rupees (Five thousand Five hundred forty & Paise Eighty) Only	ee Months Rate In Words Rupees (Three Hundred Sixty Four & Paise Zero) Only
496626	379717	61214	54854	Amount 841

Quated rate in words	Quated rate in figure (
(+/-)	(+/-)%)

Nam	SCHEDULE OF QUANTITY Name of work :- C/O link road to village Devamanal 0/00 to 1/400 (SH:- P/L interlocking paver block from RD. 1/195 to 1/300) אייל ויסייל ויס	Job RD. 1/195 t	Job No. 5 195 to 1/300		Estimated Cost: 4,74,053/- Earnest Money: 9,500/- Time Limit: Three Months	4,74,053/- 9,500/-	
No Sr.	Description of Item	Net Quantity	itity	_	In Figure	Rate In Words	Amount
_	Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where plasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting out to required lines, levels as shown on the drawings and as directed by the Engineer in Charge at site according to the HDDMID.	2.21	Cum	Per cubic metre	364.00	Rupees (Three Hundred Sixty Four & Paise Zero) Only	804
	specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the usefull materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transpsportation including head load animal load or mechanical means alongwith its levelling fine dressing and all labour, mechnieries materials, tools, equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and slates		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				d I as a
	through all modes of transportation and all others incidental charges any loss to the public and private properities during the course of execution and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.						
N	Provinding Concrete for plain //einforced concrete in open foundations complete as per drawings and technical specification Clause 802,803,1202 &1203 RCC grade M-20 nominal mix 1:2:4(One cement :Two sand :Four graded stone aggregate).including all leads lifts and carriage of materials.	9.45	Cum	Per cubic metre	5540.80	Rupees (Five thousand Five hundred forty & Paise Eighty) Only	52361
ω	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the to the required gradeint and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD., specification 100mm spread thickness (finished work including materials and labour).	43.31	Cum	Per cubic metre	1349.06	Rupees (One thousand Three Hundred Forty Nine & Paise Six) Only	58431
4	sments having thickness 80 mm (M-40) ISI se 1504 including all leads lifts and carriageof	288.75	Sqm	Per Square metre	1,255.26	Rupees (One thousand Two Hundred fifty Five & Paise Twenty Six)	362457
	Total:						474053

Quated rate in words	Quated rate in figure (
s (+/-)%)	(+/-)%)

Total:-

Signature of contractor with full address.

Executive Engineer, Sangrah Division, HPPWD Sangrah

474053

Job No. 6

SCHEDULE OF QUANTITY

Name of work :- C/O link road to village Devamanal 0/00 to 1/400 (SH:- P/L interlocking paver block from RD. 1/300 to 1/400) المراجعة المراج Estimated Cost: 4,51,477/-Earnest Money: 9,100/-

	4	ω	N		No Sr.
Total:-	Providing and Laying of Interlocking Concrete Blcok Pavements having thickness 80 mm (M-40) ISI marked as per drawing and Technical Specification Clause 1504 including all leads lifts and carriageof materials. ISI or Equivalent.	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the to the required gradeint and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP PWD, specification 100mm spread thickness (finished work including materials and labour).	Provinding Concrete for plain /reinforced concrete in open foundations complete as per drawings and technical specification Clause 802,803,1202 &1203 RCC grade M-20 nominal mix 1:2:4(One cement :Two sand :Four graded stone aggregate).including all leads lifts and carriage of materials.	Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting out to required lines, levels as shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-1, and shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the usefull materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transportation including head load animal load or mechanical means alongwith its levelling fine dressing and all labour, mechnieries materials, tools, equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and slates shall be sorted out and stacked along road side to the maximulin possible extends in all leads, lifts through all modes of transportation and all others incidental charges any loss to the public and private properties during the course of execution and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.	Description of Item
	275.00	41.25	9.00	2.10	Net C
	Sqm	Cum	Cum	Cum	Net Quantity
	Per Square metre	Per cubic metre	Per cubic metre	Per cubic metre	Unit
1	1,255.26	1349.06	5540.80		Unit Rate In Figure In Words
	Rupees (One thousand Two Hundred fifty Five & Paise Twenty Six)	Rupees (One thousand Three Hundred Forty Nine & Paise Six) Only	Rupees (Five thousand Five hundred forty & Paise Eighty) Only	Rupees (Three Hundred Sixty Four & Paise Zero) Only	Rate In Words
451477	345197	55649	49867	764	Amount

			n words (+/-)
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Signature of contractor with full address.

	8 2 8 El	# 00 7 7	0.7 % 7	7,007	4	ω 0 = # 0 T
Total:-	Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7 . as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying flooring laid over cement concrete beding complete as per drawing and technical specification clause-1303.Rubble stone laid in cement mortar 1:3 (One Cement: Three sand) as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying reinforced cement concrete pipe NP2 as per design in single row,culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	Providing concrete for plain/reinforced concerete in sub structure as perdrawings and technical specification clause 802,803,1202 & 1203,PCC Grade M-15,PCC 1:2.5:5 (One Cement: two point Five sand: Five graded stone aggregate) upto all Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand: Eight graded stone aggregate forty milimetre nominal size) in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203. for parapets as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-incharge
	11.10	24	0.49	7.50	11.82	66.32
	cubic	Nos	cubic metre	Rmt	cubic metre	Per Cum
	Per cubic metre	Each	Per cubic metre	Per Running metre	Per cubic metre	Per Cum
	865.44	271.53	4245.40	4455.14	5503.80	4452.49
	Rupees (Eight Hundred sixty five & Paise forty four) Only	Rupees (Two Hundred seventy one & Paise fifty three) Only	Rupees (Four thousand two hundred forty five & Paise forty) Only	Rupees (Four thousand four Hundredfifty five & Paise forteen) Only	Rupees (Five thousand five Hundred three & Paise eighty) Only	Rupees (Four thousand four hundred fifty two & Paiseforty nine) Only
445321	9606	6517	2080	33414	65055	295289

Quated rate in w	Quated
rate	rate i
₹.	3
words	figure
(+	(±+-)
)	%)

.....%)

Signature of contractor with full address.

Name of Work:- C/O Link road from Gajwa (GSSS Sangna Sathan) to Chunoti km 0/00 to 9/615 (SH:- C/O 900 MM Dia RCC Hume Pipe Culvert at RD. 2/975) Under mm65 y Sr. Description of Item No Excatation in Soil in hilly area in all denths using manual means as per drawing and technical 21.60 cubic Parallel 1 1 1 1 1 1 1 1 1 1	a (GSSS Sangna Sathan) to C y Description of Item	Chunoti km 0/00 to 9/615 (SH:- C/O	Chunoti km 0/00 to 9/615 (SH:- C/O 900 MM Dia RCo	7	Earn Earn
Excatation in soil in hilly area in all depths using manual means as per drawing and technical specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause 305.1 (three hundred five point one) including setting out, coustruction of shoring and bracing, removal of stumps and other deleterious materials including dressing of sides and bottom and back filling in trenches with excavated suitable materials and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places in specified manner, systematically with level consideration to avoiding a diverse effects on environment, trimming filling of uneverness blind age and finishing of the road to specified dimension or as directed by the Engineer-in-charge, any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.	s as per drawing a just 2004 (Two the truction of shoring sides and bottom terials useful for exist of transportations of transportation to and finishing of the public or private or p	nd technical pusands four) clause and bracing, removal and back filling in pastruction at suitable in all leads and lifts avoiding a diverse he road to specified ate property during the ll have to be duly ll labours, equipments lifts to the entire	nd technical 21.60 cubic pusands four) clause and bracing, removal and back filling in anstruction at suitable s in all leads and lifts avoiding a diverse he road to specified ate property during the sill have to be duly li labours, equipments , lifts to the entire	21.60	21.60 cubic Per cubic metre metre
Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting out to required lines, levels as shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the useful materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transportation including head load animal load or mechanical means alongwith its levelling fine dressing and all labour, mechnieries materials, tools, equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and slates shall be sorted out and stacked along road side to the maximuim possible extends in all leads, lifts through all modes of transportation and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge	nts and depths in all had blasting work bo prohibited) and the setting out to requiringe at site, according at site, accordinge at site, according in roadways en disposing of surplilling in roadways en disposing of surplilling fine dressing an ary to complete the stone single, aggrim possible extends arges any loss to the ceable and un-servints and materials in satisfaction and desirable prohibited.	I kinds of soil, th in soft and hard air intermediate d lines, levels as ng to the HPPWD d stacking the same mbankments for us excavated earth in portation including nd all labour, work by mechanized egate and slates in all leads, lifts e public and private iceable materials mpensated by him in	kinds of soil, kinds of soil, th in soft and hard sir intermediate sid lines, levels as ng to the HPPWD d stacking the same mbankments for us excavated earth in portation including nd all labour, work by mechanized egate and slates in all leads, lifts e public and private iceable materials mpensated by him in to various locations irection of the	63.27	63.27 cubic metre

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	. 00	7	0	ڻ ن	4	ω
Total:-	Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7 . as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying flooring laid over cement concrete beding complete as per drawing and technical specification clause-1303.Rubble stone laid in cement mortar 1:3 (One Cement : Three sand) as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying reinforced cement concrete pipe NP2 as per design in single row,culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	Providing concrete for plain/reinforced concerete in sub structure as perdrawings and technical specification clause 802,803,1202 & 1203,PCC Grade M-15,PCC 1:2.5:5.(One Cement: two point Five sand: Five graded stone aggregate) upto all Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand: Eight graded stone aggregate forty millimetre nominal size) in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203. for parapets as per HP PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-incharge
	11.10	24	0.49	7.50	11.82	66.32
	cubic	Nos	cubic metre	Rmt	cubic metre	Per Cum
	Per cubic metre	Each	Per cubic metre	Per Running metre	Per cubic metre	Per Cum
	865.44	271.53	4245.40	4455.14	5503.80	4452.49
	Rupees (Eight Hundred sixty five & Paise forty four) Only	Rupees (Two Hundred seventy one & Paise fifty three) Only	Rupees (Four thousand two hundred forty five & Paise forty) Only	Rupees (Four thousand four Hundredfifty five & Paise forteen) Only	Rupees (Five thousand five Hundred three & Paise eighty) Only	Rupees (Four thousand four hundred fifty two & Paiseforty nine) Only
449985	9606	6517	2080	33414	65055	295289

Quated rate in words	Quated rate i
in words	n figure
(+/-)	(+/-)%)

	ω	7	თ	5	4	ω
Total:-	Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7. as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying flooring laid over cement concrete beding complete as per drawing and technical specification clause-1303. Rubble stone laid in cement mortar 1:3 (One Cement: Three sand) as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	Providing and laying reinforced cement concrete pipe NP2 as per design in single row,culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	Providing concrete for plain/reinforced concerete in sub structure as perdrawings and technical specification clause 802,803,1202 & 1203,PCC Grade M-15,PCC 1:2.5:5.(One Cement: two point Five sand: Five graded stone aggregate) upto all Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand: Eight graded stone aggregate forty milimetre nominal size) in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203. for parapets as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-incharge
	12.90	24	0.49	7.50	11.82	66.32
	cubic metre	Nos	cubic	Rmt	cubic metre	Per Cum
	Per cubic metre	Each	Per cubic metre	Per Running metre	Per cubic metre	Per Cum
	865.44	271.53	4245.40	4455.14	5503.80	4452.49
	Rupees (Eight Hundred sixty five & Paise forty four) Only	Rupees (Two Hundred seventy one & Paise fifty three) Only	Rupees (Four thousand two hundred forty five & Paise forty) Only	Rupees (Four thousand four Hundredfifty five & Paise forteen) Only	Rupees (Five thousand five Hundred three & Paise eighty) Only	Rupees (Four thousand four hundred fifty two & Paiseforty nine) Only
446879	11164	6517	2080	33414	65055	295289

 Quated rate in figure (+/-)
 %)

 Quated rate in words (+/-)
 %)

Signature of contractor with full address.

Job No. 10 Estimated Cost: 4,57,778/-

Excatation in soil in hilly area in all depths using manual means as per dispecification ministry of Rural Development for rural roads August 2004 of stumps and other deleterious materials including setting out, coustruction of stumps and safe disposal of unsuitable materials and stacking of materials use sites and safe disposal of unsuitable cut materials by all modes of transpat specified places in specified manner, systematically with level considereffects on environment, trimming filling of uneverness blind age and finite dimension or as directed by the Engineer-in-charge, any loss to the public course of excavation shall be the whole responsibility of the contractor with compensated by him at his on cost in all cases including haulaging/carriand materials to various locations through all mode of transportations in satisfaction and direction of the Engineer- in - Charge. Excavation in foundation, trenches etc. in earth work in all heights and definitional design of the string of pick work, jumper work and blasting rock with chiselling and wedging out of rock (where blasting is prohibite classification of soil including dewatering where ever required, setting out of soil including dewatering where ever required, setting out of soil including dewatering where ever required, setting out of soil including dewatering where ever required, setting out of soil including dewatering where ever required, setting out of soil including dewatering where ever required, setting out of soil including dewatering where ever required.		RCC Hume Pipe Culvert at RD. 5/030) (James Pipe Pipe Culvert at RD. 5/030) (James Pi	Name	Sr.	7 N	Ν	
Net Qua 10.38	Net Quantity 10.38 cubic metre 47.11 cubic metre	Net Quantity Unit 10.38 cubic metre metre 47.11 cubic metre metre 10.38 cubic Per cubic metre		Description of Item	Excatation in soil in hilly area in all depths using manual means as per drawing and technical specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause 305.1 (three hundred five point one) including setting out, coustruction of shoring and bracing, removal of stumps and other deleterious materials including dressing of sides and bottom and back filling in trenches with excavated suitable materials and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places in specified manner, systematically with level consideration to avoiding a diverse effects on environment, trimming filling of uneverness blind age and finishing of the road to specified dimension or as directed by the Engineer-in-charge, any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.	Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required setting out to required lines, levels as shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same in all leads lifts and transportations of the useful materials for filling in roadways embankments for	grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transpsportation including head load animal load or mechanical means alongwith its levelling fine dressing and all labour, mechanicries materials,tools,equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and slates shall be sorted out and stacked along road side to the maximum possible extends in all leads, lifts through all modes of transportation and all others incidental charges any loss to the public and private propertites during the course of execution and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.
	cubic metre	untity Unit cubic Per cubic metre metre cubic Per cubic metre metre	D. 5/030)	Net Qua	10.38	47.11	
Estimated Cost: myksy Earnest Money: Time Limit: Thr Unit In Figure Per cubic 328.00 metre Per cubic 489.00 metre	Estimated Cost Earnest Money: Time Limit: Thr In Figure 328.00		9,100/-	Rate In Words	Rupees (Three Hundred twenty eight & Paise zero) Only	Rupees (Four Hundred eighty nine & Paise Zero) Only	
Estimated Cost: 4,57,778/- 1776/55 Earnest Money: 9,100/- Time Limit: Three Months In Figure In Words Rupees (Three Hundred twenty eight & Paise zero) Only Per cubic 489.00 Rupees (Four Hundred eighty nine & Paise Zero) Only Rapees (Four Hundred eighty nine & Paise Zero) Only	Estimated Cost: 4,57,778/- Earnest Money: 9,100/- Time Limit: Three Months Rate In Figure In Words Rupees (Three Hundred twenty eight & Paise zero) Only A89.00 Rupees (Four Hundred eighty nine & Paise Zero) Only	ee Months Rate In Words Rupees (Three Hundred twenty eight & Paise zero) Only Rupees (Four Hundred eighty nine & Paise Zero) Only		Amount	3405	23037	

	*					11.00
		7		6	თ	4
Total:-		Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7; as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes	Providing and laying reinforced cement concrete pipe NP2 as per design in single row, culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	Providing concrete for plain/reinforced concrete in open toundations complete as per drqsings and specification clause 802,803,1202 & 1203(PCC Grade M10 Nominal mix 1:3:6) upto all Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge
		9.60		22	7.50	12.39
		cubic metre		Nos	Rmt	metre
		Per cubic metre		Each	Per Running metre	metre
		865.44		271.22	4413.94	0140.72
		Rupees (Eight Hundred sixty five & Paise forty four) Only	Only	Rupees (Two Hundred seventy one & Paise twenty two)	Rupees (Four thousand four Hundred thirteen & Paise ninty four) Only	thousand one Hundred forty & Paise seventy two) Only
457778		8308		5967	33105	

Quated rate in words	Quated rate in figure (
(+/-)	+/-)%)

Sr. ω of stumps and other deleterious materials including dressing of sides and bottom and back filling in 305.1 (three hundred five point one) including setting out, coustruction of shoring and bracing, removal specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD including saturated soil comprising of pick work jumper work and blasting work both in soft and hard Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil satisfaction and direction of the Engineer- in - Charge. and materials to various locations through all mode of transportations in all leads, lifts to the entire course of excavation shall be the whole responsibility of the contractor which shall have to be duly dimension or as directed by the Engineer-in-charge. any loss to the public or private property during the effects on environment, trimming filling of uneverness blind age and finishing of the road to specified at specified places in specified manner, systematically with level consideration to avoiding a diverse sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts trenches with excavated suitable materials and stacking of materials useful for construction at suitable Excatation in soil in hilly area in all depths using manual means as per drawing and technical shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in shall be sorted out and stacked along road side to the maximuim possible extends in all leads, lifts in all leads, lifts and transportations of the usefull materials for filling in roadways embankments for rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate compensated by him at his on cost in all cases including haulaging/ carriage of all labours, equipments including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-ingraded stone aggregate forty milimetre nominal size) in open foundation complete as per drawing and Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand : Eight Engineer- in - Charge. through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the all respect including haulaging/ carriage of all labours, equipments and materials to various locations properities during the course of execution and disposal of serviceable and un-serviceable materials through all modes of transportation and all others incidental charges any loss to the public and private means and labouor(if any required). All useful materials such as stone single, aggregate and slates mechnieries materials, tools, equipments and incidental necessary to complete the work by mechanized acquired width of road on or approved dumping sites through all modes of transpsportation including grades improvements and levelling to required grades and then disposing of surplus excavated earth in technical specification clause 802,803,1202 & 1203. for parapets as per HP.PWD specification head load animal load or mechanical means alongwith its levelling fine dressing and all labour, classification of soil including dewatering where ever required setting out to required lines, levels as SCHEDULE OF QUANTITY Description of Item 6.50 44.06 40.23 **Net Quantity** Per Cum cubic metre metre cubic Per cubic Per cubic metre Unit metre Cum Per Earnest Money: 6,500/-Estimated Cost: 3,23,102/ Time Limit: Three Months In Figure 328.00 489.00 4396.70 In Words Hundred eighty nine & Paise Zero) Only eight & Paise zero) Rupees (Four hundred ninty six & thousand three Hundred twenty Rupees (Three Rupees (Four Amount 2132 193718 19672

323102						Total:-	
4900	Hundred sixty five & Paise forty four) Only	865.44	Per cubic metre	cubic	5.76	Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	7
2712	Rupees (Two Hundred seventy one & Paise twenty two) Only	271.22	Each	Nos	10	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7 . as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	o
33105	Rupees (Four thousand four Hundred thirteen & Paise ninty four) Only	4413.94	Per Running metre	Rmt	7.50	Providing and laying reinforced cement concrete pipe NP2 as per design in single row,culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	5
66778	Rupees (Five thousand one Hundred forty & Paise seventy two) Only	5140.72	Per cubic metre	cubic metre	12.99	Providing concrete for plain/reinforced concrete in open foundations complete as per drqsings and specification clause 802,803,1202 & 1203(PCC Grade M10 Nominal mix 1:3:6) upto all Height, as per HP,PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	4

Quated rate in words	Quated rate in figure (
(+/-)	+/-)%)

SCHEDULE OF QUANTITY

Name of Work:- C/O Haripurdhar Kupvi Road km. 0/00 to 6/500 (SH:- C/O RCC Hume Pipe Culvert at RD. 2/545 & 4/285) المال المال المالة ω No. including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-intechnical specification clause 802,803,1202 & 1203. for parapets as per HP.PWD specification graded stone aggregate forty milimetre nominal size) in open foundation complete as per drawing and Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand : Eight the Engineer- in - Charge locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of by him in all respect including haulaging/ carriage of all labours, equipments and materials to various and private properities during the course of execution and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated leads, lifts through all modes of transportation and all others incidental charges any loss to the public and slates shall be sorted out and stacked along road side to the maximum possible extends in all mechanized means and labouor(if any required). All useful materials such as stone single, aggregate labour, mechnieries materials, tools, equipments and incidental necessary to complete the work by including head load animal load or mechanical means alongwith its levelling fine dressing and all in acquired width of road on or approved dumping sites through all modes of transpsportation grades improvements and levelling to required grades and then disposing of surplus excavated earth in all leads, lifts and transportations of the usefull materials for filling in roadways embankments for specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD classification of soil including dewatering where ever required, setting out to required lines, levels as rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate including saturated soil comprising of pick work jumper work and blasting work both in soft and hard Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil the entire satisfaction and direction of the Engineer- in - Charge. equipments and materials to various locations through all mode of transportations in all leads, lifts to be duly compensated by him at his on cost in all cases including haulaging/ carriage of all labours, during the course of excavation shall be the whole responsibility of the contractor which shall have to 305.1 (three hundred five point one) including setting out, coustruction of shoring and bracing specified dimension or as directed by the Engineer-in-charge. any loss to the public or private property diverse effects on environment, trimming filling of uneverness blind age and finishing of the road to and lifts at specified places in specified manner, systematically with level consideration to avoiding a suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads filling in trenches with excavated suitable materials and stacking of materials useful for construction at removal of stumps and other deleterious materials including dressing of sides and bottom and back specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause Excatation in soil in hilly area in all depths using manual means as per drawing and technical Description of Item 42.25 69.18 7.12 **Net Quantity** Per Cum Job No. metre metre cubic cubic N KSOWW Per cubic Per cubic Cum Per metre metre Unit Earnest Money: 8,300/-Time Limit: Three Months Estimated Cost: 4,11,979/-4396.70 In Figure 489.00 328.00 Paise seventy) Only hundred ninty six & thousand three Rupees (Four In Words & Paise Zero) Only Hundred eighty nine eight & Paise zero) Hundred twenty Rupees (Three Rupees (Four Only 185760 Amount 33829 2335

ction of Engineer-in-ching wall and return wall with granular material arthe entire satisfaction	y plain/reinfor ght the full wi ght the full wi drawing and to uding hauling arge I complete as as per HP.PN and direction	parapets clause 1.106 KCC pipe NPZ 900mm dia as per design. Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614;709,1204.3.7. as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling o material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614;709,1204.3.7 . as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge Backfilling behind abutment wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	ving wall, opes use the as per hauling of	opes use fis as per 9.60 out hauling of met	ving wall, 20 Nos opes use fts as per 9.60 cubic hauling of metre
the entire satisfaction and direction of Engineer-in-charge	ain/reinfor the full wi ving and to ig hauling	design. ain/reinforced concrete abutment, wing wall, the full width of the structure withslopes ving and technical specification clause g hauling of material in all leads, lifts as per	ving wall, opes use fts as per	ving wall, 20 lopes use fts as per	ving wall, 20 Nos opes use fts as per	ving wall, 20 Nos Each opes use the sas per
nasonry/stone masonry plai C pipe extending throught the face complete as per drawing PWD specification including		esign.	og	esign.		
Providing and laying reinforced cement concrete pipe NP2 as puclass bedding of granular material in signle row including fixing excluding excavation protection works back filling concrete and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	as per king col andasc sign.	Providing and laying reinforced cement concrete pipe NP2 as per design in single row, culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete and asonry works in head walls and	er design in single row,culverts on first collar with cement mortar 1:3 but sonny works in head walls and	as per design in single row,culverts on first 15.00 Rmt king collar with cement mortar 1:3 but andasonry works in head walls and	15.00	15.00 Rmt
Providing concrete for plain/reinforced concrete in open fou specification clause 802,803,1202 & 1203(PCC Grade M10 HP.PWD specification including hauling of material in all leadirection of Engineer-in-charge	ndation Nomir ads, lift	specification clause 802,803,1202 & 1203(PCC Grade M10 Nominal mix 1:3:6) upto all Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	<u> </u>	ndations complete as per drqsings and 21.42 cubic Nominal mix 1:3:6) upto all Height. as per ads, lifts as per the entire satisfaction and	21.42 per nd	21.42 cubic per metre
21.42 cubic Per cubic metre metre from the metre fr	cubic Per cubic 5140.72 metre metre Rmt Per 4413.94 Running metre	metre metre 5140.72 metre metre 5140.72 metre metre 4413.94 metre metre	re 5140.72 re 4413.94 re 6	5140.72 4413.94	Rupees (Flour thousand one Hundred forty & Paise seventy two) Only Rupees (Four thousand four Hundred thirteen & Paise ninty four) Only	

Quated	Quated
rate i	rate i
n words	n figure
(+/-)	(+
	%)

SCHEDULE OF QUANTITY

Nan	No.		N	ယ
Name of Work:- C/O Haripurdnar Kupvi Road km. 0/00 to 6/500 (SH:- C/O RCC Hume Pipe Culvert at RD. 3/050 & 3/630) Under-	Description of Item	Excatation in soil in hilly area in all depths using manual means as per drawing and technical specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause 305.1 (three hundred five point one) including setting out, coustruction of shoring and bracing, removal of stumps and other deleterious materials including dressing of sides and bottom and back filling in trenches with excavated suitable materials and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places in specified manner, systematically with level consideration to avoiding a diverse effects on environment, trimming filling of uneverness blind age and finishing of the road to specified dimension or as directed by the Engineer-in-charge, any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.	Excavation in foundation,trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work,jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required setting out to required lines,levels as shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same in all leads,lifts and transportations of the useful materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transpsportation including head load animal load or mechanical means alongwith its levelling fine dressing and all labour, mechnieries materials, tools, equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and siltes shall be sorted out and stacked along road side to the maximulin possible extends in all leads, lifts through all modes of transportation and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all labours, equipments and materials to various the Engineer- in - Charge.	Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand: Eight graded stone aggregate forty milimetre nominal size) in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203. for parapets as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-incharge
RD. 3/05	Net	18.56	71.98	56.49
50 & 3/630	Net Quantity	metre	cubic	Per Cum
mmasy	Unit	Per cubic metre	Per cubic metre	Per
Earnest Money: 9,800/- Time Limit: Three Months	In Figure		489.00	4396.70
ree Months	Rate .	Rupees (Three Hundred twenty eight & Paise zero) Only	Rupees (Four Hundred eighty nine & Paise Zero) Only	Rupees (Four thousand three hundred ninty six & Paise seventy) Only
	Amount	6088	35198	248369

lua	lua
ted	ted
rate	Quated rate in f
3	2
ed rate in words	figure
(+/-	(+ +
<i>I</i> -)	figure (+/-)%)

Estimated Cost: 4,41,497/ŭnt

		The Court of the C		
Sr.	Description of Item	Net Quantity		Unit
_	Excatation in soil in hilly area in all depths using manual means as per drawing and technical specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause 305.1 (three hundred five point one) including setting out, coustruction of shoring and bracing, removal of stumps and other deleterious materials including dressing of sides and bottom and back filling in trenches with excavated suitable materials and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts	17.79 cubic metre	e, <u>c</u> ,	Per cubic metre
	at specified places in specified manner, systematically with level consideration to avoiding a diverse effects on environment, trimming filling of uneverness blind age and finishing of the road to specified dimension or as directed by the Engineer-in-charge: any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.			
N	Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required, setting out to required lines, levels as shown on the drawings and as directed by the Engineer-in-Charge at site, according to the HPPWD specification of 1990-Volume-I, and shorting out useful and un-useful materials and stacking the same in all leads, lifts and transportations of the usefull materials for filling in roadways embankments for grades improvements and levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transpoportation including head load animal load or mechanical means alongwith its levelling fine dressing and all labour, mechnieries materials, tools, equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single, aggregate and slates shall be sorted out and stacked along road side to the maximulim possible extends in all leads, lifts through all modes of transportation and all others incidental charges any loss to the public and private properties during the course of execution and disposal of serviceable and un-serviceable materials shall be the absolute responsibility of the contractors and shall have to be duly compensated by him in all respect including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the	62.05 cubic metre		e Per cubic
ω	Providing and laying concrete for plain/reinforced concrete 1:4:8 (One Cement: four Sand : Eight graded stone aggregate forty milimetre nominal size) in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203. for parapets as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	53.22 Per	ဂ္ဂ	Per Cum Per Cum

Total:-	7 Backfi specifi materi	6 Provid return of1(V): 614,70 the en	5 Provid class t exclud parape	specifi HP.PV
	Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7. as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying reinforced cement concrete pipe NP2 as per design in single row,culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	specification clause 802,803,1202 & 1203(PCC Grade M10 Nominal mix 1:3:6) upto all. Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.
	7.74	20	15.00	18.09
	cubic metre	Nos .	Rmt	metre
	Per cubic metre	Each	Per Running metre	metre
The second second	865.44	271:22	4413.94	5140.72
	Rupees (Eight Hundred sixty five & Paise forty four) Only	Rupees (Two Hundred seventy one & Paise twenty two) Only	Rupees (Four thousand four Hundred thirteen & Paise ninfy four) Only	thousand one Hundred forty & Paise seventy two) Only
441497	6699	5424	66209	

uated rate in words (+/-)	, , , , , , , , , , , , , , , , , , ,

Vame	Name of Work:- C/O Link Road Village Chambi Km. 0/00 to 3/000(SH:- 5/7 mtr. Wide formation cutting from	ال formation cutt	tting from	Estimated Cost:-4,72,67 Earnest Money:-9,500/-	Estimated Cost:-4,72,675/- Earnest Money:-9,500/-	
RD. 2/	RD. 2/105 to 2/380) Under MM 1654			Time Period:	Time Period:- Three months	
Sr.	Description of Item	Net Quantity	Unit	71	Rate	Amount
No				In Figure	In Words	
_	Excavation in earth work in hilly area all heights and depths in all kinds of soil	3130.30 Cubic		151.00	Rs. One	472675.00
	Including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary	metre	Cubic		Hundred fifty	
	precaution against soil erosion, damage to hill side, water pollution etc. and	- 20			zero) Only.	
	protect stability of hill side, track shall be excavated with chiseling and wedging					
	including rock excavation shall be carried out true to lines, grades, side slopes.			2		
	width, camber, super-elevation and level as shown on the drawings or as					
	directed by the Engineer-in-charge in conformity with the requirement of					
	technical specification for rural road and clause 1603.1 & 1603.2 (One					
	two) to achieve designed formation width including and stacking of material					
	useful for constrction at suitable sites and safe disposal & dumping to be					
	arranged by the contractor of unsuitable cut material in specified manner,					
	timming, filling of unevenness, blindage and finishing of the road to specified dimension or as directed by the Engineer-in -Charge for smooth riding. The					
	recovery of the stones whether useful or not, for 93.91 cum (ninety three					
	point ninety one) in any case failing which recovery @300/- per cum shall					
	be effected on pro-data basis.Any loss to the public and private property					
	contractor, which shall have to duly compensated by him in all cases.					
	Total					472676

ລuated rate in Figure(+/-)(ຊົນated rate in Words(+/-)(%	Quated	Quated rate
(+ + + + + + + + + + + + + + + + + + +	rate in	rate in
	÷	Figure(+/-)(

200	Work: C/O I ink Boad Williams Mandhan to Chushoti Km 0/00 to 3/500/SH:- Jeenable to m	otorable r	road from RD	RD.	Earnest Money:-9,600/-	ev:-9.600/-	
lame of /675 to	Name of Work:- C/O Link Road Village Mandbag to Chushoti Km. 0/00 to 3/500(SH:- Jeepable to m 2/675 to 3/030) りょう かかんい	notorable road from RD.	oad fron	R.	Time Period:	Time Period:- Three months	
Q.	Description of Item	Net Quantity	antity	Unit		Rate	
N .	Description of Items				In Figure	In Words	
	Excavation in earth work in hilly area all heights and denths in all kinds of soil including	3167.93 Cubic	Cubic	Per	151.00	Rs. One	478357.00
	saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by		metre	Cubic		Hundred fifty	11.597
D (blasting shall be carried out by taking all necessary precaution against soil erosion, damage to			metre		one & Paise	130
ь	hill side, water pollution etc. and protect stability of hill side, track shall be excavated with					zero) Only.	
0	chiseling and wedging out of rock (where blasting is prohibited). All earth work in						
0	cutting/excavation, including rock excavation shall be carried out true to lines, grades, side				N I	*	
S	slopes, width, camber, super-elevation and level as shown on the drawings or as directed by		Š.				
#	the Engineer-in-charge in conformity with the requirement of technical specification for rural						
7.	road and clause 1603.1 & 1603.2 (One thousand six hundred three point one & One thousand	38					
S	six hundred three point two) to achieve designed formation width including and stacking of				: .		
7	material useful for constrction at suitable sites and safe disposal & dumping to be arranged by						
#	the contractor of unsuitable cut material in specified manner, timmimg, filling of unevenness,						
0	blindage and finishing of the road to specified dimension or as directed by the Engineer-in -						
0	Charge for smooth riding. The recovery of the stones whether useful or not, for 95.04 cum						
_	(ninety five point zero four) in any case failing which recovery @300/- per cum shall be						
0 0	effected on pro-data basis. Any loss to the public and private property during the course						
0.0	duly compensated by him in all cases.						
1							2005

Quated rate in	Quated rate in
Quated rate in Words(+/-)(%)	Quated rate in Figure(+/-)(%)
%)	%)

SCHEDULE OF QUANTITY

Job No. 7

Estimated Cost: 4,83,075/
Earnest Money: 9,700/
Time Limit: Three Months

Amount

.483075						Total:-	
	2	•				excavation shall be the absolute responsibility of the contractor, which shall have to be only compensated by him at his on cost in all cases including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge	
						specified in the tender document or as directed by the Engineer-in-Charge for smooth riding The recovery for stones where useful or not i.e. 175.05(ONE HUNDRED SEVENTY FIVE POINT FIVE)cubic metre @ 300/- (Rs. THREE HUNDRED) only per cubic metre shall be effected on pro-rata basis. Any loss to the public and private property during the course of	
			1,52			August 2004 and clause 16.2 of general conditions for contract to achieve designed formation width including hauling and stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut material and specificed manner, including arrangement of dumping site trimming filling of unvenness blindage and finishing of the road to specified	
483075	Rupees (One Hundred Thrity Eight & Paise Zero) Only	138.00	Per cubic metre	cubic	3500.54	Excavation in earth work in Inhilly area all height and depths and in all kinds of soils including saturated soil comprising of mixed soil oridinary rock and hard rock. All works road rock cutting by blasting shall be carried out by taking all necessary precutions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side Rock shall be excavated with chieseling and wedging out rock (where blasting is prohibited). All earth work in cutting/ excavation, including rock excavation shall be carried out true to lines grades sides slopes, width, camber super elevation and level as shown on the drawings or as directed by the	_
	In Words	In Figure					1
Amount	Rate		Unit	antity	Net Quantity	Description of Item	Sr.

Quated rate in words	Quated rate in figure (+/-
(+/-)	+
+	-
*	0/0)

.....%)

Signature of contractor with full address.

Rull Executive Engineer

SCHEDULE OF QUANTITY

Job No.

<u>~</u> Estimated Cost: 4,75,239/-

ω	N	NO S.	Name
Providing and laying concrete for plain/reinforced concrete 1.4.8 (One Cement, four Sand. Eight graced stone aggregate forly milimetre nominal size) in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203 for parapets as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-incharge.	Excavation in foundation, trenches etc. in earth work in all heights and depths in all kinds of soil, including saturated soil comprising of pick work, jumper work and biasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where ever required setting out to required lines, levels as shown on the drawings and as directed by the Engineer-In-Charge at site, according to the HPWD specification of 1990-Volume-1, and shorting out useful materials for fixing in roadways embankments for grades into another soil reasonable to the HPWD specification of 1990-Volume-1, and shorting out useful materials for fixing in roadways embankments for grades including the same load animal load or mechanical means alongwith its levelling fine dressing and all abour, mechanized means and incidental necessary to complete the work by mechanized means and isocoupriff any required). All useful materials such as stone single, aggregate and slates shall be soned out and stacked along road side to the maximulin possible extends in all leads, lifts through all modes of transportation and all others incidental charges any loss to the public and private properties during the course of execution and disposal of serviceable and un-serviceable materials shough all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.	Excatation in soil in hilly area in all depths using manual means as per drawing and technical specification ministry of Rural Development for rural roads August 2004 (Two thousands four) clause 305.1 (three nundred five point one) including setting out construction of shoring and bracing, removal of stumps and other deleterious materials including dressing of sides and bottom and back filling in trenches with excavated suitable materials and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places in specified manner, systematically with level consideration to avoiding a diverse effects on environment, trimming filling of uneverness blind age and finishing of the road to specified dimension or as directed by the Engineer-in-charge, any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duily compensated by him at his on cost in all cases including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads. lifts to the entire satisfaction and direction of the Engineer- in - Charge	Name of Work:- Construction of Link road from village Ratwa to kuna via Tholla Kulyari Jarna Balaina km 0/00 to 6/500 (SH:- C/O Hume pipe culvert at RD, 4/195, and Breast Wall from RD, 4/350 to 4/364)
74.74	48.3	26 70	n 0/00 1
metre	metre	et Quantity 70 cubic metre	0 0000
Per cubic metre	metre cuo		SHE CAS
4443.32	48900	In Figure 328 00	Time Limit: Three Months
Rupees (Four thousand four hundred foty three & Paise thirty two) Only	Hundred eighty nine & Paise Zero) Only	In Words In Words Rupees (Three Hundred twenty eight & Paise zero) Only	ee Months
332094	1000	D	2

	7	Ø	5	4
Total:-	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7. as per HP.PWD specification including hauling of material in all leads. Iffits as per the entire satisfaction and direction of Engineer-in-charge	Providing and laying reinforced cement concrete pipe NP2 as per design in single row, culverts on first class bedding of granular material in signle row including fixing collar with cement mortar 1.3 but excluding excavation protection works back filling concrete andasonry works in head walls and parapets clause 1106 RCC pipe NP2 900mm dia as per design.	Providing concrete for plain/reinforced concrete in open foundations complete as per drosings and specification clause 802,803,1202 & 1203(PCC Grade M10 Nominal mix 1.3.6) upto all. Height, as per HP.PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.
	7 20	33	7 50	11 73
	cubic metre	Nos	Rmt	1173 cubic metre
	Per cubic metre	Each	Per Running metre	Per cubic metre
	865.44	271.53	4441.56	5258.92
	Rupees (Eight Hundred sixty five & Paise forty four) Only	Rupees (Two Hundred seventy one & Paise fifty three) Only	Rupees (Four thousand four Hundred forty one & Paise fifty six) Only	Rupees (Five thousand two Hundred fifty eight & Paise ninty two) Only
475239	6231	9504	33312	61687

Quated 1	Quated
rate	d rate
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d rate in words	figure
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Job No. 19

Name of Work:- Construction of Link road from village Ratwa to kuna via Tholla Kulyari jarna Balaina km 0/00 to 6/500 (SH:- C/O Hume pipe culvert at RD. 4/345)

Earnest Money: 9,300/-Estimated Cost: 4,62,890/-

Description of Item Net			Net Quantity
		10.38 cubic metre	10.38 cubic Pa
	10.38	10 38 cubic metre	10.38 cubic Percubic 3
	Net Qua 10 38	Net Quantity 10 38 cubic metre	Net Quantity Unit 10.38 cubic Per cubic metre
	Quantity cubic metre	Φ . Ο	Unit c Per cubic e metre

	7 Bac spe	6 Province of 1 (614 the	7	5 Providas excl	C	spec HP I	4 Prov
	Backfilling behind abutment ,wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 with granular material as per HP PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	Providing weep holes in brick masonry/stone masonry plaintellibrical collicies about the providing weep holes in brick masonry/stone masonry plaintellibrical collicies about the full width of the structure withslopes return wall with 100mm dia PVC pipe extending throught the full width of the structure withslopes of 1(V):20(H) towards drawing face complete as per drawing and technical specification clause of 1(V):20(H) towards drawing face complete as per drawing and technical specification including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	The state of concrete shiftment wing wall.	Providing and laying reinforced cement concrete pipe NPZ as per design in angle low, our Providing and laying reinforced cement concrete pipe NPZ as per design in angle low, our class bedding of granular material in signle row including fixing collar with cement mortar 1:3 but excluding excavation protection works back filling concrete andasonry works in head walls and parameter clause 1106 RCC pipe NP2 900mm dia as per design.	tion of Engineer in english on first	specification clause 802,803,1202 & 1203(PCC Grade Mild Nothing Fine 1.00) appearance and HP_PWD specification including hauling of material in all leads, lifts as per the entire satisfaction and discretion of Engineer-in-charge.	Providing concrete for plain/reinforced concrete in open foundations complete as per drqsings and
	9.60	9	22	G.	7 50		12.99
	cubic		Nos		Rmt		cubic
	metre		Each	Running	Per		Per cubic metre
	000.44	0000	271.53		4441.56		5258.92
	Hundred sixty five & Paise forty four) Only	& Paise fifty three) Only Runness (Eight	Rupees (Two	Hundred forty one & Paise fifty six) Only	Rupees (Four	Paise ninty two) Only	Rupees (Five thousand two Hundred fifty eight &
160000		8308	5974		33312		68313

Signature of contractor with full address. Quated rate in figure (+/-)Quated rate in words (+/-)

.....%)

Total:-

No 1 Removal of land slide in hilly area in ordinary roack not requiring blasting by mechnical means including cutting and trimming of slops and disposal of cut material with in lift upto to 1.50mtr and lead upto 1000 mtr as per technical specification 302.3.5 and 1611.	SCHEDULE OF QUANTITY Name of Work:- R/R Damages on Various Road Under Renuka Ji Sub Division (SH:- Removal of slips in Renuka Section))F QUANTITY I Sub Division (SH:- Removal of s	slips in Renuka	Sect	ion)	-100	ion) Earnest Money:-9,900/ Time Period:- Three months
	Description of Item		Net C	Net Quantity	Quantity Unit		
						In Figure	In Figure In Words
	Removal of land slide in hilly area in ordinary roack not requiring blincluding cutting and trimming of slops and disposal of cut material and lead upto 1000 mtr as per technical specification 302.3.5 and 1	ng blasting by mechnical means terial with in lift upto to 1.50mtr and 1611.	5163.15	Cub	Cubic Per Cubic metre metre	Per Cubic 95.00 metre	Per Cubic metre

Quated rate in Words(+/-)(Quated rate in Figure(+/-)(
	%)
	3.
%	

	Schedule of Quantity	_	Job No.	20	Estimated	Estimated Cost: 4.72.416/-	
Nam RD. 1	Name of Work:- Repair and maintenance of Charna Bhawai Sangrah Road km. 14/00 to 22/00 (SH:- C/O RD. 17/650 to 17/669)		in PC	R/wall in PCC from	Earnest M	Earnest Money: 9,500/- Time Limit: Three Month	
S.No	Description of Item	Quantity	ity	Unit		Rate	Amount
					In Figure	In Word	
_		20.14 0	metre	metre	328.00	Rupees (Three Hundred Twenty Eight & Paise Zero) Only	6606
	including dressing of sides and bottom and back filling in trenches with excavated suitable materials and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places in specified manner, systematically with level consideration to avoiding a diverse			n r			
	effects on environment, trimming filling of uneverness blind age and finishing of the road to						
	private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases						
	including haulaging/ carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads. lifts to the entire satisfaction and direction of						ı
	≥. ♂	26.60	cubic	Per	489.00	Rupees (Four Hundred eighty	13007
	and their intermediate classification of soil including dewatering where ever required, setting			metre		Only	
ž	out to required lines, levels as shown on the drawings and as directed by the Engineer-in- Charge at site, according to the HPPWD specification of 1990-Volume-I, and shorting out						
1	the useful materials for filling in roadways embankments for grades improvements and		1				
	levelling to required grades and then disposing of surplus excavated earth in acquired width of road on or approved dumping sites through all modes of transpsportation including head had animal load or mechanical modes of transpsportation including head load animal load or mechanical modes of the locality for the local load animal load or mechanical modes of the load animal load of the load animal load or mechanical modes of the load animal						-
	mechnieries materials,tools,equipments and incidental necessary to complete the work by mechanized means and labouor(if any required). All useful materials such as stone single						
S	, E						
	162	95.00 c	metre of	Per	4474 33	Rupees (Four Thousand four	425062
-	Four Sand: Eight Graded Stone Aggregate) 40mm (Forty Milimetre) including haulaging/carriage of all labours, equipments and materials to various locations through all mode of		-	metre		four & Paise thirty three) Only	
	transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.						

	-			
	U)	4		ω
Total:-	Providing weep holes in brick masonry/stone masonery plain/reinforced concrete abutment wing wall ruturn wall with 100mm dia pvc pipe extending throught the full width of the structure with slopes of i(V) 20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7.	Providing back filling with granular material behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8.	Four Sand: Eight Graded Stone Aggregate) 40mm (Forty Millmetre) including haulaging/carriage of all labours, equipments and materials to various locations through all mode of transportations in all leads, lifts to the entire satisfaction and direction of the Engineer- in - Charge.	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 and 1203 1:4:8 (One Cement:
	19.38 No's	40		95.00
	No's	cubic metre		95.00 cubic Per
	Each	Per cubic metre	metre	Per
	870.00	272.00		4474.33
	Rupees (two Hundred Seventy & Paise zero) Only	Rupees (Two hundred seventy two & Paise zero) Only	hundred seventy four & Paise thirty three) Only	Rupees (Four Thousand four
472416	16861	10880	A	425062

Quated rate in figure (+/-)%)

Quated rate in words (+/-)%)

Executive Engineer H.P. P.W.D. Division Sangrah - 173023

Name	Schedule of Quantity Name of work :- Providing Renewal coat on link road to Rest House Haripurdhar 0/00 to 0/440 & Res	Job No. 29	SH:- P/L 25	Estimated Earnest Mo	Estimated Cost: 2,94,825/- Earnest Money: 5,900/-	
mm ti	mm thick Bitumininous concrete)			Time Limit	Time Limit: One month	
S.No	Description of Item	Quantity	Unit		Rate	Amount
				In Figure	In Word	
_	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor @ 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer and cleaned with hydraulic broom as per Technical specification Clause 503 including haulage of material within all leads, lifts and carriage of materials and as per direction of Engineer-in-Charge.	770.80 Square metre	Per Square metre		Rupees (twenty three & Paise five) Only	17767
N	Providing and laying 25 mm thick bituminous concrete with 100 -120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 per cent of mix and filler, i.e. 129.50Kg per cum as per job mix formula along with addition of anti striping agents i.e. Zycotherm @ 0.11% of bitumen transporting the hot mix to work site. laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respect including haulaging/carriage of all labours equipments and materials to various location through all mode of transporations in all leads. lifts to the entire satisfaction and diection of the Engineer-incharge.	20.05 Cubic metre	Per Cubic metre	13820.10	Rupees (Thirteen thousand eight Hundred twenty & Paise ten) Only	277058
	Total					294825

Quated rate in figure (+/-)%)

Quated rate in words (+/-)%

Executive Engineer H.P. P.W.D. Division Sangrah - 173023