Himachal Pradesh Public Works Department

9655

Dated: 64-9- 2023

To,

The Executive Engineer I.T. Cell, Nigam Bihar Shimla -2

Subject:-

Publishing of Notice inviting tenders.

Enclosed please find herewith copies of notice inviting tender for the up loading on department website before 13.09.2023 as per notification issued by Pr. Secy. (PW) to the Govt. of HP vide letter No. PBW (B) A (3)1/2020 dated 16th July 2021. As the works mentioned in the Tender Notice are urgent nature.

DA:-As above

Executive Engineer, Sarkaghat Division HP.PWD.Sarkaghat

Himachal Pradesh Public Works Department "Notice Inviting Tender"

Sealed item rate tender are hereby invited in form No. 6&7 by the Executive Engineer B&F

Disconsider PND. Sarkaghat HP. on behalf of the Governor of Himachal Pradesh for the following works from the instruction and are also
registered contractor of appropriate class enlisted in HP.PWD whose registration stood renewed as peer revised instruction and are also
registered dealers under the Himachal Pradesh General sales Tax Act.1968. The important dates of tender are as under:-

The last date and time of receipt of application for tender form 12.09.2023 up to 4.00 P.M.

The last date for sale of tender is up to 13.09.2023 at 4.00PM.

The tender shall be received up to 11:00 AM on 14.09.2023 to be opened on the same day at 11:30 AM. in presence of the intending contractors or their authorized representative who may like to be present. The tender form can be had from this office against cast payment as shown below (Non refundable) during the working hours on 14.09.2023. The earnest money in the shape of National saving certificate, time deposit account in any post office/bank in HP. Duly pledged in favor of the Executive Engineer B&R Division HP.PWD Sarkaghat must accompany with each tender Conditional & in complete tenders and the tender received without earnest maney will be summarily rejected. The offer of tender shall be kept open for 90 days. The Executive Engineer, reserved the right to accept or reject, the tender without assigning any reason.

Sr. No.	Name of work	Estimat ed cost.	Earnest Money.	Cost of form.	Time allowed.
1.	Restoration of Rain Damages on Debarwal jamanwal Ban Magoh Jaboth Road Km. 0/0 to 8/300 (SH:- Construction of R/wall in wire Crate at RD 0/869 to 0/0 to 8/300 (SH:- Construction R/wall in wire create at RD 0/869 to 0/875.50)	405796	8120	350	One Month
2.	Restoration of rain Damags on Barot to Badoi Road Km. 0/0 to 3/500 (SH:- Construction of B/wall in wire Crate at RD 1/300 to 1/325)	481950	9700	350	One Month
3.	Restoration of rain Damags on Barot to Badoi Road Km. 0/0 to 3/500 (SH:- Construction of B/wall in wire Crate at RD 1/300 to 1/325)	481950	9700	350	One Month
4.	Restoration of Rain Damages on various Roads under Sarkagaht Sub- Division Sarkaghat (SH:- Hiring of Excavator cum Loader for Removal of slips debries on Various Roads Under Pounta Section) Job No-II	195000	4000	350	One Month
5.	Construction of Tikkari Mandoli Khudla via Gehra Bhaderol Road Km. 0/0 to 2/500 (SH:- Construction of Cement Concrete Pavement at KM. 0/0 to 0/160) SCSP	497760	10000	350	One Month
6.	Restoration of Rain Damages on Plassi Ukhala Baras Smaila Road Km. 0/0 to 4/0 (SH:- Construction of PCC R/wall in 1:5:10 at RD 3/940 to 3/952)	419904	8500	350	One Month
7.	Restoration of Rain Damages on Nabahi Bastala Ghayana Matehari Via Bathalari Gopalpur Road Km. 0/0 to 4/420 (SH:- Providing and Laying Cement Concreta Pavement at Km. 2/315 and 2/610 to 2/685)	498329	329	350	One Month
8.	Restoration of Rain Damages on Dabrog Yoh Bakarta Road Km. 0/0 to 11/0 (SH:- Construction of PCC R/wall in Km. 4/520 to 4/535)	498292	10000	350	One Month
9.	Restoration of Rain Damages on Dabrog Yoh Bakarta Road Km. 0/0 to 11/0 (SH:- Providing and Laying Cement Concrete Pavement in Km. 3/860 to 3/400 and 3/900 to 4/0)	345464	7000	350	One Month
10.	Restoration of Rain Damages on various Roads under Sarkagaht Sub- Division Sarkaghat (SH:- Hiring of Excavator cum Loader for Removal of slips derssing of berma etc.) Job No-I	229500	4600	350	One Month
11.	Construction of Bahi Sulpur Jahu Road Km. 0/0 to 2/700 (SH:- Providing and Laying Metalling and Tarring in Km. 2/325 to 2/554.60) SCSP on Jabothi Bridge	401218	8100	350	One Month

2.	Construction of Bahi Sulpur Jahu Road Km. 0/0 to 2/700 (SH:- Providing and Laying WBM G-II at RD 2/325 to 2/554.60) SCSP on Jabothi Bridge	382634	7700	350	One Month
13.	Restoratio of Rain Damages on Nabahi Bastala Matehari Gopalpur Road Km. 0/0 to 4/200 (SH:- Costruction of R/wall in PCC 1:4:8 at RD 1/945 to 1/955 and P/L Cement Concrete Pavement at KM.2/275 to 2/345)	467104	9350	350	One Month
14.	Restoration of Rain Damages on Baldwara Math Kahlyana Road Km. 0/0 to 6/0 (SH:- Construction of Retaining wall in 1:5:10 at RD 1/270 to 1/280)	219186	4400	350	One Month

TERMS AND CONDITONS:-

Following documents should accompany with the application for tenders.

- 1. The contractor/firms should be registered as or/dealer under HP Sales Tax Act. 1968/GST
- 2. The intending contractors/firms shall have to produce the copy of latest enlistment in HPPWD.
- 3. The contractor is required to submit an affidavit for not having more than two works in hand in the shape of affidavit duly attested by the competent authority.
- 4. The contractor should quoted the rate of all the items in the tender both in figures and in words failing which tender is likely to be rejected.
- 5. The copy of Employees Provident Funds (EPF Number) GST, Pan Number, should be attached with application.
- 6. Minimum one similar work done of amount not less than 40% (Forty percent) of the estimated cost (without liquidated Damage of compensation) in last five years)
- 7. The tender shall be awarded to the lowest bidder without any negotiation if his tendered amount is within limit of (+) 5% to (-) 30% of the amount put to tender, otherwise the tender will be cancelled and recalled.
- 8. The earnest money shall be deposited duly pledged in favour of Executive Engineer B& R Division HPPWD Sarkaghat & Cost of tende form for the above works should be submitted with the application for the purchase of the tender forms.

9. All the required documents should be submitted with the application others wise single application may be rejected.

Executive Engineer, Sarkaghat Division HP.PWD,Sarkaghat, Dated:

No. PW-SKT-CB-Tender/2023-24

9656-61

1. The Engineer - in- Chief HPPWD Nirman Bhawan Shimla for information please.

2. The Chief Engineer Hamirpur Zone HP.PWD . Hamirpur for information please.

- 3. The Superintending Engineer Dharampur Circle, HP.PWD. Dharampur for information please.
- 4. Block Development officer Sarkaghat for information please.
- 5. Copy to the Assistant Engineer B&R Sub- Division HP.PWD Sarkaghat/ Baldwara /Bhaderwar for information.

6. Copy to Notice Board /Drawing Branch of this office for information.

Executive Engineer, Sarkaghat Division HP.PWD,Sarkaghat.

SCHEDULE OF QUANTITY

	ω	2		R/Wa	Name
	Wire crates made of galvanised iron wire filled with boulder with square cut faces against the wire, galavinised iron wire 4mm (four millimetre) thick corresponding to SWG-8, 10cmx10cm (ten centimetre into ten centimetre) mesh within all leads and lift and carriage of material and other incidental complete in all respect as per direction of Engineer-incharge. Stone boulders used shall weight not less than 25kg. (twenty five kilogramme) each.	Earth work in excavation by mechanical means (Hydraulic excavatory) manual means in foundation trenches or drains (not exceeding 1.5 m, (one point five metre) in width or 10 sqm (ten square)on plan, including dressing of sides ans ramming of bottoms, lift upto 1.5 m, (one point five metre) including getting out the excavated soil and disposal of surplus excavated soil as directed, with in a lead of 50 m (fifty meter) all kinds of soil.	Description of item/Sub Head	R/Waii in wire create at RD 0/869 to 0/875.50)	Name of works:- R/R Damages on Deberwal Jamanwal Ban Magoh Joboth Road km 0/0 to 8/300 (SH:-C/C
	114.66	22.43	Quantity		ad km 0/0 to
			In Figure		8/300 (SH:-C/O
Amy.			Rates In words	Earnest Money:- Time Limit:-	Estimated cost:-
Total:-	Per cubic metre	Per cubic metre	Unit	Rs.8120.00 One month	Rs. 4,05,796.00
			Amount		

Sarkaghat Engineer

SCHEDULE OF QUANTITY

	ω	N			B/Wa	Name
	Wire crates made of galvanised iron wire filled with boulder with square cut faces against the wire, galavinised iron wire 4mm (four millimetre) thick corresponding to SWG-8, 10cmx10cm (ten centimetre into ten centimetre) mesh within all leads and lift and carriage of material and other incidental complete in all respect as per direction of Engineer-in-charge.Stone boulders used shall weight not less than 25kg.(twenty five kilogramme) each.	Earth work in excavation by mechanical means (Hydraulic excavatory) manual means in foundation trenches or drains (not exceeding1.5 m, (one point five metre) in width or 10 sqm (ten square)on plan, including dressing of sides ans ramming of bottoms, lift upto 1.5 m, (one point five metre) including getting out the excavated soil and disposal of surplus excavated soil as directed, with in a lead of 50 m (fifty meter) all kinds of soil.	Description of item/Sub Head		B/Wall in wire create at RD 1/300 to 1/325)	Name of works:- Restoration Rain Damages on Barot to Badoi road km 0/0 to 3/500 (SH:-C/O
	135.00	47.25	Quantity			0 to 3/500 (S
			In Figure			H:-C/O
			Rates In words	Time Limit:-	Earnest Money:-	Estimated cost :- Rs. 481950.00
Total:-	Per cubic metre	Per cubic metre	Unit	One month	Rs.9700.00	Rs. 481950.0
			Amount			0

Executive Engineer
B & R Division HPPWD
Sarkaghat

	ω	2			B/Wa	Name	
	Wire crates made of galvanised iron wire filled with boulder with square cut faces against the wire, galavinised iron wire 4mm (four millimetre) thick corresponding to SWG-8, 10cmx10cm (ten centimetre into ten centimetre) mesh within all leads and lift and carriage of material and other incidental complete in all respect as per direction of Engineer-incharge.Stone boulders used shall weight not less than 25kg.(twenty five kilogramme) each.	Earth work in excavation by mechanical means (Hydraulic excavatory) manual means in foundation trenches or drains (not exceeding1.5 m, (one point five metre) in width or 10 sqm (ten square)on plan, including dressing of sides ans ramming of bottoms, lift upto 1.5 m, (one point five metre) including getting out the excavated soil and disposal of surplus excavated soil as directed, with in a lead of 50 m (fifty meter) all kinds of soil.	Description of item/Sub Head		B/Wall in wire create at RD 1/325 to 1/350)	Name of works:- Restoration Rain Damages onBarot to Badoi road km 0/0 to 3/500 (SH:-C/O	SCHEDULE OF QUANTITY
	135.00	47.25	Quantity			to 3/500 (SH	7
			In Figure			1:-C/O	
			Rates In words	Time Limit:-	Earnest Money:-	Estimated cost :- Rs. 481950.00	
Total:-	Per cubic metre	Per cubic metre	Unit	One month	Rs.9700.00	Rs. 481950.00	
			Argount				

SCHEDULE OF QUANTITY

						I
		0	Sr.N			Name
	Hiring of Excavator cum loader for cutting work filling and deposal etcetra with a minimum capacity of 30 (thirty) cubic metre per hour.Including pay of oprators, P.O.L charges repair of machinery, pay of driver and other expenses. Any accident and other damages to private and Govt. property and loss of life occured during the working hour will be the whole responsibility of the owner of the machinery. The disposal materials will be done by the owner of machinery to the disposal point within all leads and lifts and other incidentals as per direction of Engineer- in- Charge.		Description of item/Sub Head			Name of Work:-Restrotation Rain Damages on Various Road under Sarkaghat Sub-Division Sarkaghat. (SH:-Hiring of Excavator cum loader for removel of slips,debries on various roads Under Pounta Section) JOB No-
	150.00		Quantity			hat. (SH:-
		In Figure				
		In words	Rates	Time Limit:-	Earnest Money:- Rs. 4000 /-	Estimated cost :- Rs. 195000/-
Total:-	P/Hour		Unit	one Month	Rs. 4000 /-	Rs. 195000/
			Amount			

Executive Engineer, B&R Divison, HP PWD, Sarkaghat.

Executive Engineer

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Sarkaghat

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	1 Providing and laying Ceme sand: four gradeed crushed nominal size, in pavements as required including conso drawing and HP,PWDD tec materials with in all leads at	Sr.No Descri		Construction of Cement Concret	Name of Work: Construction of	
	Providing and laying Cement concrete 1:2:4 (one Cement :two coarse sand: four gradeed crushed stone aggregate) 20 mm (twenty millimetre) nominal size, in pavements, laid to required stope and camber in panels as required including consolidation finishing and tamping complete as per drawing and HP,PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	Description of Item/Sub Head		Construction of Cement Concrete pavement at km 0/0 to 0/160) (Under SCSP)	Name of Work:- Construction of Tikkari Mandoli Khudla via Gehra Bhadrol Road km 0/0 to 2/500) (SH:-	
7	73.20	Quantity		SP)	Road kin 0/0 to	
		In Figure			2/500) (SH:-	
		In words	Time Limit	Earnest Money:-	Estimated cost :	
Total:-	Per cubic metre	Unit	One month	Rs. 10,000 /-	Rs 4,97,760 /-	
		Amount				

Fund of Work. Restoration on Damages on Playsi Uthrala mans Smalla Road (an Will) to 4000 (5th. Countington of C		Estimated cost	Rs 4, 19,504)	Control of the Control
citizati in 1.5.50 et RD 3/940 to 3/952)		Famesi Money	Rs 8500 /	Comment of the last of the las
		Time Links	Muote auc.	
School Description of Item/Sub Heard	Charlet	Raio	Unit	Mark wash
	Media 4	TOTOGRAPH.		
Forth work in executation in all blade of spill for electrica se pair demand, and technical	33.75		Describedo	The state of the s
specifications Clause 30.1 including setting out, construction of shoring and bracing, removal of sturrus, and other deleterious material and disposal upto any lead dressing of sides and bottom and back riting in trenches with excavated suitable material ordinary soil with in all leads, lifts and other hy itemples.	2000		Metro	
Conferent and shaffering including strailing, proparag etc. and removal of form walk for Retaining walls, manus male, leave teals, walls (early fluidness) including attached pilestra, Latinessus, parth and strug courses lifters, teath and steps etc. with in all lead and lift and as par the discussor of Engineer in charge.	S. 24		Par square metec	
Providing and hying in position concern or united prolified grad. We liading the navier contenting and shurtering. All work up to which level if 5:10 (I cement is 1) part of graded store upgrayers 10 mm. Induc) with in all land and III and on the direction of Engancer in charge.			metre	
Providing weep holes in brick masony? Stone mason you tolune inforced concrete in retaining walls, brough walls and the like with 10thmin (One hursies) of a PVC pipe extending forough the full width of the structure with stopic of 1 vertical. 20 horizonals towards drawing lease complete as per drawing and technical specification clauses 614 7 (a), 1204.3.7 in all leads and lifts and continue of material by all modes of transportation as per the direction of Engages in-charge.	S		Each	
5 Back filling behind retaining waits, breast walts, abutments, wing walts and return waits complete as per drawing and technical specifications clause 1204.3.8 in all leads and lifts and carriage of marietials by all modes of transportation and as per dilection of Engineer-in-Charge.	23		Per cubic metre	1

Schedule of Quantity			
of Work:- Restoration Rain Damages on Nabahi Bastla Ghyana Mateheri via Bathalari Ipur Road km 0/0 to 4/420 (SH:- P/L Cement Concrete Pavement at km 2/315 to 2/390 and	Estimated cost :-	cost :-Rs. 4,98,329.00	
to 2/685).	Earnest Money:-	Money:- Rs. 10000.00	
	Time I imit: One month	One month	

	ω	2	_			2/610	Name Gopal
	Providing and laying Cement concrete 1:2:4 (one Cement :two coarse sand: four gradeed crushed stone aggregate) 20-mm (twenty millimetre) nominal size, in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.as per drawing and HP,PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	Providing and laying cement concrete plain/ reinforced concrete 1:4:8 (one cement: four sand: eight graded crushed stone aggregate 40mm (forty millimetre) nominal size) in open foundation complete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP,PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	Centering and shuttering including strutting, propping etcetra and removel of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etcetra. Including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	Description of item/Sub Head		2/610 to 2/685).	Name of Work:- Restoration Rain Damages on Nabahi Bastla Ghyana Mateheri via Bathalari Gopalpur Road km 0/0 to 4/420 (SH:- P/L Cement Concrete Pavement at km 2/315 to 2/390 and
	48.04	36.03	52.50	Quantity			eheri via Ba m 2/315 to 2
				In Figure			thalari /390 and
		*		In words	Time Limit:-	Earnest Money:- Rs. 10000.00	Estimated cost :- Rs. 4,98,329.00
Total:-	Per cubic metre	Per cubic metre	Per square metre	Unit	One month	Rs. 10000.00	-Rs. 4,98,329.
				Amount			.00

B & R Division HPPWD
Sarkaghat

Name o	Schedule of Quantity Name of work:- Resoration of rain damages on Dabrog yoh Bakarta road km 0/0 to 11/0 (SH: - Construction of PCC R/wall at RD	of PCC R	/wall at RD	- F	Estimated Cost:- Rs.4,98,292/	s.4,98,292 <i>l</i> -
4/520 to 4/535)	0 4/535)			m	Earnest money:- Rs. 10,000/-	s. 10,000/-
					Time allowed:- One month	ne month.
Sr. No.	Description of item	Quantity		Rate	Unit	Amount
			In figure	in words		
->		37.83			Per cubic	
)m, including getting out the excavated soil and disposal of surplus excavated soil as directed, .All kinds of soil including all leads and lifts and as per the direction of Engineer- in-Chrage.				metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : four coarse sand) : eight graded stone	89.93			Per cubic	
	aggregate 40 mm (Forty millimetre)nominal size :including all leads and lifts and as per the direction of Engineer- in-Chrage.					
ω	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm (One hundred) dia PVC pipe extending through the full width of the structure with slope of 1 vertical: 20 horizontal towards drawing face complete as per drawing and	23.00			Each	
	technical specification clauses 614,709,1204.3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Chrage.			*		
4	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per	20.40			Per cubic	
	drawing and technical specifications clause 1204.3.8 in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.				metre	
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Name of work:-Resoration of rain damages on Dabrog yoh Bakarta road km 0/0 to 11/0 (SH: - Providing and laying cement Estimated Cost: Rs.3,45,464/-

Sr. No. Description of item 1 Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:1.5:3 (One cement:	of item inforced cement concrete, excluding the cost of ll work up to plinth level 1:1.5:3 (One cement :	concrete paveme	Sr. No.	1 Providing centering,
Quantity 64.05		t in km 3/860 to 3/400 and 3/900 to 4/0)	Description of item	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:1.5:3 (One cement: one point five coarse sand: three graded stone aggregate 20 mm (Twenty millimetre) nominal size including carriage of materials with in all leads and lifts and direction of Engineer in Charge.
	In figure		Quantity	64.05
Ean Ti Rate In words	The state of the s	me allowed:-	Unit	
Earnest Time a	me allowed: Unit	One month.	Amount	

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11	Schedule of Quantity
	-
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Estimated Cost

Name of work:- Construction of Bahi Sulpur Jahu road km 0/0 to 2/700 (SH:- Providing and laying metalling and Tarring in km 2/325 to 2/554.60) メこり アルカがん ほんけん ほんしん

Tot					
Per squar metre			926.60	Providing and laying seal coat sealing the voids in a bitumenous surface laid to the specified levels grade and cross fall using type 'B' as per technical specification clause 510 by mechnical means (S-90)/VG-10 grade bitumen including hauling/carriage of material through all modes of transportation with in all leads and lifts as per the directionof Engineer-incharge.	4 F
Per square metre			926.60	Providing laying and rolling of open graded premix carpet of 20mm (Twenty millimetre)thickness composed of 13.2mm to 5.6mm (Thirteen point two millimetre to five point six milimetres) crushed stone aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable paint, laying and rolling with a three wheel 80-100 KN static roller capacity, finished to required level and grades to be followed by seal coat of either Type -B as per technical specification clause 508 by mechnical means with Bitumen(S-90)/VG-10 including hauling/ carriage of material through all modes of transportation within all leads and lifts as per the direction of Engineer-in-charge.	ω < 0, 7, 7, (F, 7)
Per square metre			926.60	Providing and applying tack coat with bitumen emulsion(RS-1) using emulsion distributor at the rate of 0.25 Kg. to 0.30 Kg.(Zero point two five to zero point three zero Kilograme)per square metres on the prepared bituminous surface cleaned with hydrulic broom as per Technical specification Clause 503 by mechanical means including hauling / carriage of material through all modes of trasportation with in all leads and lifts as per direction of Engineer-in-charge.	2 F
Per square metre			926.60	Providing and applying priming coat with bitumen emulsion(SS-1) using emulsion distributor at the rate of 0.70 Kg. to 1.0 Kg.(Zero point seven zero to one point zero Kilograme)per square metres on the prepared granular surface cleaned with hydraulic broom as per Technical specification Clause 503 by mechanical means including hauling / carriage of material through all modes of trasportation with in all leads and lifts as per direction of Engineer-in-charge.	
Unit	Rate In words	In figure	Quantity	Description of Item	Sr. No.
Earnest money Time allowed	Earr Tir			21325 to 21554.60) SCS PON Jabothi Bridge	2/325 to

Sarkaghat B&R Division HPPWD Executive Engineer

Executiv B&R Divi

	_		Sr. No.		2/554.6	Name o	
	Providing, laying, spreading and compacting stone aggregates of 63mm to 45mm (sixty three millimetre to forty five millimetre) nominal size to water bound macadam specifications including in uniform thickness, hand packing, rolling with smooth wheel roller 80-100kN in stages to proper grade and camber, applying and brooming, stone screening and binding materials to fillup the interstices of coarse aggregate, watering and compacting to the required density grading-II as per technical specifications clause 405 by manual means including entire carriage of material within all leads and lifts and other incidentals.		Description of item		2/554.60) on Jahatha bridge	Name of work:- Construction of Bahi Sulpur Jahu road km 0/0 to 2/700 (SH:- Providing and laying WBM G-II at RD 2/325 to	Schedule of Quantity
	144.39		Quantity			3-II at RD 2	
		In figure				/325 to	
		In words	Rate	Th	Earr	Estin	
Total	Per Cubic metre		Unit	Time allowed:- One	Earnest money:- Rs.7	Estimated Cost:- Rs.3,82	
			Am	One mo	Rs.7700	Rs.3,82	

Schedule of Quantity

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	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 with in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls; breast walls and the like with 110mm (One hundred ten millimetre) dia PVC (Polyvinyl Chloride) pips extending through the full width of the structure with slope of 1 vertical: 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 within all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Chrage.	Providing and laying Cement concrete 1.2:4 (one Cement :two coarse sand: four gradeed crushed stone aggregate) 20 mm (twenty millimetre) nominal size, in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete as per drawing and HP, PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	Providing and laying cement concrete plain/ reinforced concrete 1:4:8 (one cement: four sand: eight graded crushed stone aggregate 40mm (forty millimetre) nominal size) in open foundation complete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP,PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	Centering and shuttering including strutting, propping etcetra. And removel of form work for foundations, footings, bases for columns, as per drawing and HP,PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	Earth work in excavation by mechanical means (Hydraulic excavator) manual means over areas exceeding 30 cm (thirty centimetre) in depth, 1.5 m (one point five metre) in width as well as 10 sqm(ten square metre) on plan including getting out and disposal of excavated earth lead upto 50 m (fifty metre) and lift upto 1.5 m, (one point five metre) with in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Chrage.	Description of item/Sub Head		it RD 1/945 to 1/955 and P/L Cement Concrete Pavement at km 2/275 to 2/345).	me of Work:- Restoration Rain Damages on Nabahi Bastla Matehri Gopalpur Road km 0/0 to 4/20 (SH:- C/O R/wall PCC Estimated cost :-
	9.00	15.00	22.42	57	74.00	9.00	Quantity			20 (SH:- C/0
							In Figure			O R/wall PCC
							Rates in words	Time Limit:-	Earnest Money:-	Estimated cost :-
Total:-	Per cubic metre	· Each	Per cubic metre	Per cubic metre	Per square metre	Per cubic metre	Unit	One month	Rs.9350/-	Rs. 4.67.104 /-
							Amount			1.
	Total:-	Back filling behind retaining walls, breast walls, abutments, wing walls and réturn walls complete as per drawing and technical specifications clause 1204.3.8 with in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls; breast walls and the like with 110mm (One hundred ten millimetre) dia PVC (Polyvinyl Chloride) pips extending through the full width of the structure with slope of 1 vertical: 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 within all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Chrage. Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 with in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	Providing and laying Cement concrete 1:2:4 (one Cement :two coarse sand: four gradeed crushed stone aggregate) 20 mm (twenty millimetre) nominal size, in pavements, laid to required stope and camber in panels as required including consolidation finishing and tamping complete as per drawing and HP, FWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge. Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls; breast walls and technical specification clauses 614,709,1204.3.7 within all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Charge. Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 with in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	Providing and laying cement concrete plain/ reinforced concrete 1:4.8 (one cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre) nominal size) in open foundation complete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP, PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge. Providing and laying Cement concrete 1:2:4 (one Cement two coarse sand: four gradeed crushed stone aggregate) 20 mm (twenty millimetre) nominal size, in pavements, laid to required stope and camber in panels as required including consolidation finishing and tamping complete as per drawing and HP, PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge. Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls; breast walls and the like with 110mm (One hundred ten millimetre) dia PVC (Polyvinyl Chloride) pips extending through the full width of the structure with stope of 1 vertical: 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614,709,1204,37 within all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer-in-Charge. Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204,38 with in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	Centering and shuttering including strutting, propping elcetra And removel of form work for foundations, foolings, bases for columns as per drawing and HP_PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge. Providing and laying cement concrete plain/ reinforced concrete 14.8 (one cement: four sand : eight graded crushed stone aggregate 40mm (forty millimetre) nominal size) in open foundation compete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP_PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge. Providing and laying Cement concrete 12.4 (one Cement two coases sand: our gradeed crushed stone aggregate) 20 mm (twenty millimetre) nominal size, in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping compete as per drawing and LP_F.YV.DD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge. Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls; breast walls and the like with 110mm (One hundred ten millimetre) dia PVC (Polywiny Chionde) pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing face complete as per drawing and technical specification as per the direction of Engineer- in-Charge. Back filling behind retaining walls, breast walls abutments, wing walls and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	Earth work in excavation by mechanical means (hydraulic excavation) manual means ower arease exceeding 30 and (hirty centimetre) in depth, 1.5 m (one point five metry) in width as well as 10 sam(the square metry) on plan including getting out and disposal of excavated earth lead upto 50 m (fifty metry) and lift upto 1.5 m, (one point five metry) with in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer. In-Charge. Centering and shuttering including strutting propping electra And removel of form work for foundations. Counting bases for columns as per drawing and HP, PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer. In-Charge. Providing and sympace down (forly millimetre) nominal size) in open foundation complete as per drawing and technical specification duse 802,803,1202 and 1203 including form work for plain/ reinforced concrete the work as per drawing and the PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in-Charge. Providing and laying Cement concrete 1:2.4 (one Cement: two coarse sand: four gradeed crushed stone aggregate value of the pWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in-Charge. Providing and the lift with 1:0mm (New Interior) Stone masonny / Stone masonny / Interior of concrete in relaining walls; thoast walls such in all leads and lifts and direction of Engineer-in-Charge. Providing veep holes in brick masonny / Stone masonny / Interior of concrete in relaining walls; thoast walls and terminal specification as per the direction of Engineer-in-Charge. Back filling behind retaining walls, breast walls, abutments, wing walls and carriage of materials by all modes of transportation and as per the direction of Engineer-in-Charge.	Earth work in excavation by mechanical means (Hydraulic excavator) manual means over areas exceeding 30 p.00 in Figure In words or (Intry centimetre) in depth. 1.5 m (one point five metre) in width as well as 10 santiers over areas exceeding 30 p.00 in the right of the metre) in width as well as 10 santiers over areas exceeding 30 point five metre) in width as well as 10 santiers over areas exceeding 30 point five metre) with a late leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer. In-Charge. Contenting and shuttering including strutting propping electra And removel of from work for foundations, toolings bases for columns as per drawing and HP. PWD technical specification including carriage of materials with in all leads and direction of Engineer. In-Charge. Providing and significance see 800.803,1020 and 1203 including form work for plant reinforced concrete work as per drawing and HP. PWD technical specification including carriage of materials with in all leads and litis and direction of Engineer. In-Charge. Providing and laying Cement concrete 12.4 (one Cement, two coarse sand four gradeed crushed stone aggregate) 20 mm (keenly millimetre) normal size, in pavements, laid to required stops and camber in panels as required including consolidation finishing and tamping and technical specification including carriage of materials with in all leads and lifts and direction of Engineer in-Charge. Providing weep holes in brick masonry / Bainfreinforced concrete in relating walls; breast walls and time with office proper in-Charge. Providing behind relating walls, buttnerits, wing walls and direction of Engineer-in-Charge. Per cubic reachers of the proper in-Charge. Per cubic research walls, abundant and account of the materials by all modes of transportation and as per direction of Engineer-in-Charge.	Earth work in excavation by mechanical means (Hydraulic excavablt) manual means over areas exceeding 30 em (thirty centimente) in depth. 1.5 m (one point like meter) in width as well as of significant square metre) on plan including getting out and disposal of excavanable arm the solution 50 m (fifty merely and fift typt 1.5 m, (one direction of Engineer-in-Charge. Centering and shuttering including strutting propping ebestra And removel of form work for foundations, within all leads and lifts and direction of Engineer-in-Charge. Centering and shuttering including strutting propping ebestra And removel of form work for foundations, within all leads and lifts and direction of Engineer-in-Charge. Centering and shuttering including strutting propping ebestra And removel of form work for foundations, within all leads and lifts and direction of Engineer-in-Charge. Providing and larging cernent concrete plain/ reinflored concrete 14.8 (one cernent: four sand : eight) graded cushed stone aggregate domm (bry millimetre) nominal size) in open foundation complete as per drawing and the problem of Engineer-in-Charge. Providing and larging cernent concrete 12.4 (one Cernent: four gradeed or sand diffe and larging cernent concrete 12.4 (one Cernent: four gradeed or sand diffe and larging and larging or and training complete as per drawing and the problem of Engineer-in-Charge. Providing and larging cernent concrete 12.4 (one Cernent: No coanse sand: four gradeed or sand diffe and different individual consolidation (including carniage of materials with in all leads and lifts and direction of Engineer-in-Charge. Providing wells highly Cernent as specification including carniage of materials with in all leads and lifts and direction of Engineer-in-Charge. Providing well provided terminimeter of provided pips extending through the full width of the structive with sole of the retardation including carniage of materials by all modes of transportation and as per direction of Engineer-in-Charge. Fer cubic meters with the p	B at RD 1945 to 1955 and P/L Cement Concrete Pavement at km 2/275 to 2/345). Cament Concrete Pavement Concrete Pavement at km 2/275 to 2/345).

Executive Engineer
B & R Division HPPWD

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Name of retaining	Name of work:- Resoration of rain damages on Baldwara Math Khalyana road road km 0/0 to 6/0 (Sh:- Construction of retaining wall in 1:5:10 at RD 1/270 to 1/280)	onstructio	n of	Es	Estimated Cost:- Rs.219186/- Earnest money:- Rs. 4,400/-	s. 4,400/-
					Time allowed:- One month.	ne month.
Sr. No.	Description of item	Quantity		Rate	Unit	Amount
			In figure	In words		
1	Earth work in excavation by mechanical means(Hydraulic excavator) / manual means in foundation	13.60	1 1 10 10 1		Per cubic	
	trenches or drains including dressing of sides and ramming of bottoms, lift upto 1.5 (One point five)m, including getting out the excavated soil and disposal of surplus excavated soil as directed, .All kinds of soil including all leads and lifts and as per the direction of Engineer- in-Chrage.				metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string	42.81			Per Square metre	
	Chrage.					
ယ	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One Cement: five coarse sand): ten graded stone	41.48			Per cubic metre	
	aggregate 40 mm (Forty millimetre)nominal size :including all leads and lifts and as per the direction of Engineer- in-Chrage.			*		
4	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm / One hundred) dia PVC nine extending through the full width	18.00			Each	
	of the structure with slope of 1 vertical: 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 in all leads and lifts and carriage of material by					
	all modes of transportation as per the direction of Engineer- in-Chrage.		Mary State of the			
ъ	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	12.30			Per cubic metre	
					Total	

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