HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Sealed item rate tenders on form No. 6 and 8 are hereby invited by the undersigned on behalf of the Governor of Himachal Pradesh for the following works from approved and eligible contractors of appropriate class enlisted in H.P.PWD, so as to reach in this office on 13.04.2022 up to 11:00 AM and shall be opened on the same day 11:30 AM in the presence of intending contractors or their authorized representatives who may like to be present. The tender form can be had from this office against cash payment (Non refundable) during the working hours a day before opening upto 2:00 PM

The earnest money in the shape of FDR/TDR, National Saving Certificate Time Deposit/Account/Saving account in any of the Post Office/Nationalized Bank in H.P. duly pledged in favour of the Executive Engineer, (B&R) Division, H.P.PWD, Sarahan must accompany with each application/tender. Conditional tenders and the tenders received without earnest money will be rejected. The offer of the tender shall be kept open for 75 days. The undersigned reserve the right to accept or reject the tenders without assigning any reason.

Sr.	Name of work	Estimate	Earnest	Time	Form	Cost of
No		d Cost.	Money		No.	Form
		(Rs.)	(Rs)			
1	A/R & M/O Dhamkari Ki Johri Bagthan road Km 0/0 to 13/00 (SH:- P/L patch work in Km 9/0 to 11/0)	409697	8500	One months	6&8	350/-
2	A/R & M/O Banethi Bagthan Rajgarh Chandol road Km 7/0 to 28/0 (SH:- P/L patch work in Km 10/0 to 12/0)	448418	9000	One months	6&8	350/-
3	A/R & M/O Maryog Narag Dharyar road Km 0/0 to 40/00 (SH:- P/L Patch work in Km 36/0 to 38/0)	415331 /	8500	One month	6&8	350/-
4	A/R & M/O Maryog Narag Dharyar road Km 0/0 to 40/00 (SH:- P/L Patch work in Km 13/00 to 15/00)	409697	8500	One month	6&8	350/-
5	A/R & M/o Maryog Narag Dharyar road Km 0/0 to 40/00 (SH:- P/L patch work in Km 15/00 to 16/00 & 16/400 to 20/00	498129	10000	One months	6&8	350/-
6	A/R & M/O Dungaghat Killa Kalanch road Km 0/0 to 22/00 (SH:- C/o Surface drain and maintenance of earthan shoulders of various roads in KM 7/00 to 15/00)	247240	5000	One months	6&8	350/-
7	A/R & M/O Machher Jabiyana Wasni road Km 0/0 to 7/165 (SH:- C/o PCC R/wall at RD 2/220 to 2/243)		7000	One month	6&8	350/-

,	A/R & M/O Machher Jabiyana Wasni road Km 0/0 to 7/165 (SH:- C/o PCC R/wall at RD 0/341 to 0/348)	212813	4500	One month	6&8	350/-
9	Special repair of Sub Treasury office at SarahanTehsil Pachhad Distt. Sirmour HP (SH:- Repair of building, C/o B/wall etc.,)		4500	One month	6&8	350/-

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

TERMS & CONDITIONS: -

- 1. The contractor/bidders must submit their Permanent Income tax account number/GST number on the tender alongwith copy the same be attached with the application
- 2. The contractor/Firms should attach copy the Registration /renewal with the application.
- The contractor/bidders should quote his rate both in figures and words, where there is any discrepancy between the rates in figures and works, the rates in words will be governed.
- 4. The contractors/bidders must inspect the site to ascertain /familiar the site conditions, accessibility etc., before quoting the bid/tender.
- 5. Conditional and telegraphic tender shall not be accepted and rejected straightway. Tender rejected after due date and time will be rejected.
- 6. The contractor/Firm should be to produce the details of works in hand in HPPWD and its position thereof alongwith application.
- 7. The tender documents shall be issued to only those contractors who does not have more than two works in hand in any HPPWD circle/ Division worth Rs 1.00 crore each.
- 8. The contractor shall have to establish testing laboratory at site for the day to day testing of material
- 9. The officer shall remain valid up to 75 days
- 10. The provisions of guidelines issued vide the Principal Secretary (PW) to the Govt., of HP Shimla vide notification No. PBW (B) A (3) 1/2020 dated Shimla-2 the 22th July,2020 regarding adoption of CPWD works manual 2019 & other publication of CPWD in HPPWD shall also be applicable.
- 11 The tender form will not be issued to those contractors whose performance found unsatisfactory.
- 12. The Executive Engineer reserves the right to reject/accept any or all the tenders without assessing any reasons.

Executive Engineer, B&R Division HPPWD; Sarahan.

NO: - PW/ SRN/ Tender/2021-22-

125-50

Dated:- 6 ~4~97

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

1. The Deputy Commissioner, Nahan Distt. Sirmour (HP)

- 2. The Superintending Engineer, 12th Circle; HPPWD; Nahan Distt. Sirmour for information please.
- 3. The Executive Engineer (IT Cell) Nigam Vihar, HPPWD; Shimla-2 for uploaded of notice Inviting Tender on Departmental website please.
- 4. All the Assistant Engineer, working under this Division.
- 5. All the leading contractor working under Sarahan Division.
- 6. Copy to the notice board.

Executive Engineer, B&R Division HPPWD; Sarahan.

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SCHEDULE OF QUANTITY

Estimated cost:-Rs. 4,09,697

Name of Work:- A/R & M/O Dhamkri ki Johri Bagthan Road km 0/0 to 13/00 (SH:- P/L Patch work in km 9/0 to 11/00)

and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density 53mm to 22.4mm size Grading -III as per Technical Specification Clause 405.by Manual

Earnest money: - Rs. 8500/-

Time Limit: -

One Month.

Rate Amount Sr. Description Items of work Unit Qty. in figures. in words No 5 6 3 4 Repair to pot holes and removal of loose materials, trimming of sides cleaning of 1046.95 Per Cubic Metre. surfaces providing tack coat with bitumen emulsion 20mm thick premixcarpet using catonic bitumen emulsion and seal coat type-B with bitumen emulsion as per technical specification clause 1904.2, 503 and 508.2 15.70 Per Cubic 2 Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand Metre. packing, rolling with three wheel 80-100 kN static roller in stages to proper grade

Estimated cost:-Rs. 4,48,418

Name of Work:-A/R & M/O Banethi Bagthan Rajgarh Chandol Road km 7/0 to 28/0 (SH:- P/L Patch work in km 10/0 to 12/0)

Earnest money: - Rs. 9,000/-

г	_				Time Limi	t: - One M	lonth.
- 1	Sr.	Description items of work	Qty.	Unit		Rate	Amount
۲	Vo				in figures.	in words	
J.	1	2	3	4	5	6	7
	1	Repair to pot holes and removal of loose materials, trimming of sides cleaning of	1145.90	Per Cubic			
٥	. 1	providing tack coat with bitumen emulsion 20mm thick premixcarpet using		Metre.			
100	- 1	catonic bitumen emulsion and seal coat type-B with bitumen emulsion as per					1
	- 1	technical specification clause 1904.2, 503 and 508.2		,			
\vdash	4						
	2	Providing, laying, spreading and compacting stone aggregates of specific sizes to	17.19	Per Cubic			
	- [water bound macadam specification including spreading in uniform thickness, hand		Metre.			
1		packing, rolling with three wheel 80-100 kN static roller in stages to proper grade					
	- I	and camber, applying and brooming, crushable screening to fill-up the interstices of					
	-	coarse aggregate, watering and compacting to the required density 53mm to					
	;	22.4mm size Grading -III as per Technical Specification Clause 405.by Manual					
	l	means	- ×:				
\vdash	+					-	

Estimated cost:-Rs. 4,15,331

Name of Work:- A/R & M/O Maryog Narag Dharyar Road km 0/0 to 40/00 (SH:- P/L Patch work in km $\,$ 36/0 to 38/0

Earnest money: - Rs. 8500

Sr.				Time Lim	it: - One Mon	th.
No	Description items of work	Qty.	Unit		Rate	Amount
NO				in figures.	in words	1
1	2	3	4	5	6	7
1	Repair to pot holes and removal of loose materials, trimming of sides cleaning of surfaces providing tack coat with bitumen emulsion 20mm thick premixcarpet using catonic bitumen emulsion and seal coat type-B with bitumen emulsion as per technical specification clause 1904.2, 503 and 508.2		Per Sqm			
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density 53mm to 22.4mm size Grading -III as per Technical Specification Clause 405.by Manual means		Per Cubic Metre.			

Name of Work:- A/R & M/O Maryog Narag Dharyar Road km 0/0 to 40/00 (SH:- P/L Patch work in km $\,$ 13/00 to 15/0

Estimated cost:-Rs. 4,09,697

Earnest money: - Rs. 8500 Time Limit: - One Month.

				I line Lini	it One M	Oncom
Sr.	Description Items of work	Qty.	Unit		Rate	Amount
No				in figures.	in words	
1	2	3	4	5	6	7
	Repair to pot holes and removal of loose materials, trimming of sides cleaning of surfaces providing tack coat with bitumen emulsion 20mm thick premixcarpet using catonic bitumen emulsion and seal coat type-B with bitumen emulsion as per technical specification clause 1904.2, 503 and 508.2		Per Sqm			
	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density 53mm to 22.4mm size Grading -III as per Technical Specification Clause 405.by Manual means		Per Cubic Metre.			
	,					

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Maryog Narag Dharyar Road km 0/0 to 40/00 (SH:- P/L Patch work in km 15/00 to 16/0 & 16/400 to 20/00)

Estimated cost:-Rs. 4,98,129/-

Earnest money: - Rs. 10,000/-Time Limit: - One Month.

Sr. No	Description Items of work	Qty.	Unit		Rate	Amount
INO				in figures.	in words	
1	2	3	4	5	6	7
1	Repair to pot holes and removal of loose materials, trimming of sides cleaning of surfaces providing tack coat with bitumen emulsion 20mm thick premixcarpet using catonic bitumen emulsion and seal coat type-B with bitumen emulsion as per technical specification clause 1904.2, 503 and 508.2		Per Cubic Metre.			
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density 53mm to 22.4mm size Grading -III as per Technical Specification Clause 405.by Manual means		Per Cubic Metre.			

Name of work:- A/R & M/O Dungaghat Kila Klanch Road km 0/0 to 22/0 (SH:- C/O surface drain and maintenance of earthan shoulders of various roads) in km 7/00 to 15/00)

Estimated cost:-Rs.2,47,240/-

Earnest money: - Rs. 5,000/-

_					Time Limit:	 One Month. 	
Sr		Description Items of work	Qty.	Unit		Rate	Amount
N	0				in figures.	in words	
L	1	2	3	4	5	6	7
1		Construction of unlined surface drain of average cross-sectional area 0.2 sqm in ordinary rock to specified lines, grades, levels and dimensions as per approved design and Technical Specification Clause 307. as per drawing and HP PWD techinical specifications i/c carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	ı	Per Running Metre			
2		Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000 m as per technical specification Clause 1903	5200.00	Per Square metre			

Sarahan Division HP, PWD, Sarahan

JobNo 7

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Macher Jabiyana Wasni road km 0/0 to 7/165 (SH:- C/O PCC R/Wall ar RD 2/220 to 2/243)

Estimated cost:-Rs. 3,44,919/-

Earnest money: - Rs. 7,000/-

Time Limit: -One Month.

				711110		A
		Qty.	Unit		Rate	Amount
Sr.	Description Items of work			in figures.	in words	
No		3	4	5	6	7
-	2		Per Cubic			
1	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 (Clause ThreeHundred Five point One) including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.		Metre.			
	Providing and laying cement concrete 1:6:12 {One cement: Six sand: twelve graded crushed stone aggregate 40(Forty) millimeter nominal size} in open foundation and curing complete excluding cost of form work complete as per drawing and technical specification clause 802,803,1202 and 1203 including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction of the Engineer-in-Charge	5.94	Per cubic meter.			
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as par drawings and technical specifications C- 802, 803, 1202 & 1203(Clause - Eight hundred Two, Eight hundred Three, One thousand Two hundred Two and One thousand Two hundred Three) 1:4:8. (One Cement: Four Sand: Eight graded stone) aggregate 25 mm nominal size and curing complete including the cost of form work and carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.		Per Cubic Meter.			1
3	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm (One Hundred) dia AC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 (Clause - Six hundred Fourteen, Seven hundred Nine, One thousand Two hundred Four point Three point Seven)),including hauling /carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge		Each			
	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in granular material and as per direction of the Engineer-in Charge, including carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction of the Engineer-in-Charge.	27.00	Per Cub Meter.		Engineer	

Executive Engineer Sarahan Division, HPPWD., Sarahan

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Macher Jabiyana Wasni road km 0/0 to 7/165 (SH:- C/O PCC R/Wall ar RD 0/34

Estimated cost:-Rs. 2,12,813/-

	7/165 (SH:- C/O PCC R/Wall ar RD 0/341 to 0/348)				cost:-Rs. 2,12,8		
Sr.				Earnest mo	oney: - Rs. 4,50	10/-	7
No	Description Items of work			Time Limit	t: - One M	onth.	7
1		Qty.	Unit		Rate	Amo	ount
1	2			in figures.	in words		1
1	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 (Clause ThreeHundred Five point One) including setting out construction of the constructi	3	4	5	6	7	7
	ThreeHundred Five point One) including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal unto a lead of Form the state of the stumps.	28.63	Per Cubic				7
1	and other deleterious material and disposal units a lead of 50 control of shoring and bracing removal of stumps		Metre.	1			1
	and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, in all leads and life to the			1		1	1
	in trenches with excavated suitable material in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.					1	1 7
_		1					1.7
2	Providing and laying cement concrete 1:6:12 (One cement: Six sand: twelve graded crushed stone aggregate 40(Forty) millimeter nominal size) in open foundation and laying cement concrete 1:6:12 (One cement: Six sand: twelve graded crushed stone aggregate		-				7
			Per cubic	:			1
			meter.			1	1 /
	labour equipments and materials to project leaves 002,803,1202 and 1203 including carriage of all					1	
	Tarpinones and materials to various location in folion all modes of transportation in all 1 and 1 and	;					
	to the entire satisfaction of the Engineer-in-Charge				1		
_					1		
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as par drawings	48.35	Per Cubi				
	and technical specifications C- 802, 803, 1202 & 1203(Clause - Eight hundred Two, Eight hundred Three, One	40.55	Meter.	٥			
	thousand Two hundred Two and One thousand Two hundred Three) 1:4:8. (One Cement: Four Sand: Eight	.1	Meter.			1	
	graded stone) aggregate 25 mm nominal size and curing complete including the cost of form work and	9				1	4
	carriage of all labour confirmed and are and curing complete including the cost of form work and	1					1
	carriage of all labour equipments and materials to various locations through all modes of transportations in	a					
	all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.					1	75
						1	
4	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wal	1. 13.00) Each	+			
	return wall with 100 mm (One Hundred) dia AC pipe extending through the full with of the structures with	h				1	
	slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614	11					
			1		1		
	709, 1204.3.7 (Clause - Six hundred Fourteen, Seven hundred Nine, One thousand Two hundred Four points)				- 1		1
	Three point Seven)),including hauling /carriage of all labour equipments and materials to various location					1	
	through all modes of transportations in all leads and lifts to the entire satisfaction as per direction	of				1	1
	Engineer-in- Charge						
		1					
5	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification	on 9.8	7 Per Cu	bic			
٦	Clause 1204.3.8 in granular material and as per direction of the Engineer-in Charge, including carriage of	all	Meter.				
1	labour equipments and materials to various locations through all modes of transportation in all leads at	nd					
	labour equipments and materials to various locations through an inforce of transportation in an education						
	lifts to the entire satisfaction of the Engineer-in-Charge.				\wedge		
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					eouth Eng		
				0	roban Divici	ion	

Sarahan Division, HP.PWD., Sarahan

SCHEDULE OF QUANTITY

Name of work:- Special repair of Sub Treasury office at Sarahan Tehsil Pachhad Distt. Sirmour H.P(SH:- Repair of building, C/O B/wall etc.)

Job No.

Estimated cost:-Rs 2,10,932/-Earnest money: - Rs. 4,500/-

Time Limit:- One Months

		_	The state of the s		Time Limit. One Mi	oliuis
Sr.	Description Items of work	Qty.	Unit		Rate	Amount
No				in figures.	in words	
1	2	3	4	5	6	7
1	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete	32.52	Per Square metre			
2	Providing and laying Ceremic Glazed tiles of Sizes 300 X300mm of Fiest Quality confirming to IS 15622 of approve make in coulres such as white ivory, gray, red brown, laid on 20mm thick cement mortar 1:4 including grouting the joint with white cement & matching pigments etc. complete	6.00	Per Square metre			
3	White vitreous china dual purpose closet (Anglo Indian W.C.) suitable for use as squatting pan or European type water closet as per manufacturer's specifications	2.00	Each			
4	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:	2.00	Each			
5	Providing and fixing toilet paper holder including carriage of materials within all leads and lifts:	2.00	Each			
6	Providing and fixing solid plastic seat with lid for pedestal White solid plastic seat with lid type W.C. pan complete: including carriage of materials within all leads and lifts:	2.00	Each			
7	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge	1.00	Each			

	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P.brass pillar taps	2	Each		
9	Providing and fixing brass bib cock of approved quality : 15 mm dia	2.00	Each	3 4	
10	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 31mm single piece moulded withheight of 270 mm, effective length of tailpipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	2	Each		
11	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: 100 mm inlet and 100 mm outlet Sand Cast Iron S&S as per IS: 1729	2	Each		
12	Providing and fixing S.C.I. gully or nahani grating 100 mm dia including carriage of materials within all leads and lifts :	2	Each		
13	Providing and fixing 600mm x 450 mm bevelled edge miror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers.	2	Each		
14	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms	2	Each		
15	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15 mm dia including carriage of materials within all leads and lifts:	3.00	Each		
16	Providing and fixing M.I union complete for sink or wash basin: 32 mm dia including carriage of materials within all leads and lifts:	2.00	Each		
17	Providing and fixing hand towel rail completed with brackets fixed to wooden cleats with CP brass scrwes with conceealed fittings arrangement of approved quality and colour 450 mm long towel rail including carriage of materials within all leads and lifts:	2.00	Each		

18	Providing and fixing uplasticised PVC connection pipe with brass unions::-15mm nominal bore:-including carriage of materials within all leads and lifts:	3.00	Each	2		
	Providing and fixing CP brass pillar cock of approved quality and colou , 125 mm long foamflow, weighing not less than 120 gms :-15mm dia including carriage of materials within all leads and lifts :	2.00	Each			
20	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material as per drawing and technical specification 305.1	12.15	Per cum			
21	Providing and laying cement concrete 1:6:12 40 mm size for plain/reinforced concrete in foundation complete as per drawing and technical specification	3.11	Per Cum			
22	Providing and laying cement concrete 1:4:8 25 mm size for plain/reinforced concrete in super-structure complete as per drawing and technical specification clause 802,803,1202 and 1203.	22.08	Per Cum			
23	Providing weep holes in brick masonry/ stone masonry, plain/reinforced concrete abutment, wing walls, return wall with 100mm dia PVC pipe extending through the ful width of the structures with slope of 1(V):20 (H) towards drawing face complete as per drawing and technical specification clauses 614, 709,1204.3.7.	Ц	Each			
24	Backfilling behind abutment, wing wall and return wall complete as per drawings 8 technical specification Clause 1204.3.8 in granular material.	8.33	Per Cum			
\vdash					Total	

Executive Engineer Sarahan Division, HP.PWD. Sarahan