

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

Sealed percentage basis tenders are hereby invited by Executive Engineer, NH Division, HP.PWD, Solan on behalf of Governor of Himachal Pradesh for the following works from the approved registered Contractors of appropriate class (D) enlisted with Himachal Pradesh Public Works Department, whose registration stood renewed as per revised instructions and also registered dealers under the Himachal Pradesh, General Sales Tax Act, 1968. The important dates of tender are as under:-

Tender Schedule		Date	Time
1.	The last date for receipt of application for tender Form.	26-12-2024	4.00 PM
2.	The last date for issue of tender Form	27-12-2024	4.00 PM
3.	The last date for receipt of tender.	28-12-2024	10:30 AM
4.	The date of opening of tender.	28-12-2024	11:00 AM

The tender forms can be obtained against payment of Rs.350/- (Non refundable) and contractor will be required to produce documents of registration in appropriate class, list of completed works and GST registration certificate. The tenders shall be opened in presence of contractor or their authorized representative.

The earnest money in shape of National Saving Certificate/Time deposit account of nationalized saving or Saving Bank account in any of the post offices and F.D.R. of Nationalized Bank duly pledged in favour of the Executive Engineer, NH Division, HP.PWD, Solan must accompany with the tender offer. The exemption from depositing the earnest money with each tender earlier granted has been withdrawn under Govt. Notification No. PWE (B&R)(B)14(18) / 98-11 dated 4.11.2003 and accordingly the tender received without Earnest Money shall be rejected without assigning any reasons thereto and shall not be entertained.

The tenders will be issued only to them who qualify the criteria after the scrutiny of application Form. The tenders not accompanying the Earnest money shall be rejected at the time of opening. The contractor shall also indicate the detail of Earnest money in the tender document. The request on prescribed application should accompany the registration of appropriate class, GST registration No.work done certificate. The tenders shall be opened on schedule date and time in presence of contractor or in the presence of the authorized representative.

The validity of tenders has been given in the tender document. If any contractor/firm withdraw the offer within validity period then their earnest money shall be forfeited and shall finally be at the disposal of State Govt. The contractors are advised to write the percentage both in figures and in words, failing which the tender shall be rejected.

Conditional and incomplete tenders shall out rightly be rejected.

Application for obtaining the tender form must accompany the latest renewal of enlistment and proof of GST No/NOC from Excise and Taxation Department regarding Tax clearance. The offer shall be kept open for 15 days.

If due to any unforeseen reasons the office of the Executive Engineer, NH Division, HP.PWD, Solan remain closed on the notified date of sale and receipt of tender, the tender will be sold and received/opened on next working day at same specified time.

The Executive Engineer reserves the right to accept or reject the tender without assigning any reason.

Description of JOB:-

Sr. No.	Name of work	Estimated Cost (in Rs)	Earnest Money	Time
1	Repair of existing Rain Shelter on Kalk Shimla Wangtoo road NH-05 from km.131/00 to 145/100 to 13/00 Shimla Bye Pass (SH:-Repair of existing Rain Shelter at Tara Devi Bazaar at RD 141/00 (Against NHAI Deposit).	4,73,239/-	10,000/-	Three months
2	Repair of existing Rain Shelter on Kalk Shimla Wangtoo road NH-05 from km.131/00 to 145/100 to 13/00 Shimla Bye Pass (SH:-Repair of existing Rain Shelter at km.0/670 in SBP (Against NHAI Deposit).	1,09,852/-	2500/-	Three months
3	Repair of existing Rain Shelter on Kalk Shimla Wangtoo road NH-05 from km.131/00 to 145/100 to 13/00 Shimla Bye Pass (SH:-C/O Rain Shelter at Ram Nagar near Lal Pani Bridge at RD 3/720).(Against NHAI Deposit).	4,21,664/-	10,000/-	Three months
4	Repair and maintenance of Rain Shelter on Kalka Shimla Wngtoo road NH-05 from km.31/00 to 145/100 & 0/0 to 13/0 on Shimla Bye Pass (SH:-Repair of Rain Shelter Near Sankat Mochan at RD 142/110 (Against NHAI Deposit).	4,95,848/-	10,000/-	Three months

5	Repair existing of Rain Shelter on Kalka Shimla Wangtoo road NH-05 from km.31/00 to 145/100 & 0/0 to 13/0 on Shimla Bye Pass (SH-Repair of existing Rain Shelter at Tunkandi at 1/820) (Against NHAI Deposit).	4,85,563/-	10,000/-	Three months
6	Maintenance of Kalka Shimla Wangtoo road NH-22 (New NH 05) from km.131/00 to 145/100, km.0/0 to 13/0 on Shimla Bye Pass (SH- Maintenance of earthen shoulder in various locations), (Against NHAI Deposit).	3,55,189/-	7500/-	Three months

Term and Conditions:-

The contractor will have to produce following documents and attach attested copies of the same at the time of submitting application for issue of tender Form.

- Debitment/renewal in appropriate class in HP.PWD.
- PPAN Card issued by the Income Tax Department.
- Proof of valid GST Registration.
- Statement showing the ongoing works in HP.PWD.
- PF registration.

Certified that the above work is of emergent nature in exigency of Public Interest.

No. NHD/CB/TANIT/2024-

4652-70

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

1. The Engineer-in-Chief, HP.PWD, Shimla.
2. The Chief Engineer, NH, HP.PWD, Shimla.
3. The Superintending Engineer, NH Circle, HPPWD Shimla
4. The Deputy Commissioner, Solan, Distt Solan.
5. All the Assistant Engineers under this Division.
6. Various registered contractors working under this Division
7. Notice Board.
8. The Executive Engineer, IT Cell in the o/o Engineer-in-Chief, HPPWD, Shimla for uploading the NIT on the Departmental website.

[Signature]
Executive Engineer,
Solan NH Division,
HP.PWD, Solan
Dated: 17-12-2024


[Signature]
Executive Engineer,
Solan NH Division,
HP.PWD, Solan

Exigency Certificate

It is certified that the tenders which were invited vide this office NIT No.NHD/CB/TA/NIT/2024-4752-70 dated 17-12-2024 2024 are of emergent nature of work and in public interest.

Dated:-17-10-2024

Place:-Solani


Executive Engineer
NH Division
HPPWD, Solani

SCHEDULE OF QUANTITY

Name of Work:- Repair of existing Rain Shelter on Kalha Shmla Wington road NH-05 From Km131/00 to 145/100 to 13/00 Shimla Bye Pass (SH:- Repair of existing rainshelter at Tara Devi Bazar at RD 141/00 (Against NHAF Deposit)

Estimated Cost :-	473239/-only
Latest Money :-	10000/-only
Time limit :-	Three Months

Sr.No	Description of Items.	Qty	Unit	Rate in Figures	Rate in Words	Amount	Overall percentage to be Quoted by the bidder above /below the estimated cost inclusive of GST) i.e. nearest two decimal places/amount
1	Providing and fixing of steel work in built up tubular (round square or rectangular hollow tubes etc) trusses etc. Including fabrication, bolting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers, etc. complete (Ref DSR 2013- Item No. 10.16) a) Hot finished welded type tubes (TATA STRUCTURA /JINDAL MAKEL) conforming to IS:1161&YST 210 type. Tubes shall be clean, finished and reasonably free scale the standard size and weight of the tubes of the hollow section shall be as per IS:4923 washers shall be specially shaped where necessary or other means use to give the nuts and heads of the bolt a satisfactory bearing. weight of the elbows, brackets, packing pieces, bolts, nuts washers distance pieces separators, diaphragm, gussets fish plate, etc. shall be added to the weight of the respective items by all mode of transportation to the entire satisfaction and direction of the Engineer-in-Charge.	1247.47 kg	Per kg.	137.30	Rupees One Hundred & Thirty Seven - Paise Thirty Only	171278.00	
2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, bolting, fixing in position and applying a priming coat of approved steel primer all complete including all land lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge..	367.38 kg	Per kg	108.65	Rupees One Hundred & Eight - Paise Sixty Five Only	39916.00	



3	Providing and fixing precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) 0.50 mm (+ 0.03 %) total, coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-Charge. The sheet shall be fixed using self drilling self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal vertical or curved surfaces, excluding the cost of purlines, rafters and trusses and including cutting to size and shape wherever required including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	43.14 Sqm	Per ✓ Sqm.	1095.50	Rupees One Thousand & Ninety Five - Paise Fifty Only	52757.00
4	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete 0.80 mm thick with zinc coating not less than 275 g/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	11.20 Rmt	Per ✓ Rmt.	667.90	Rupees Six Hundred & Sixty Seven - Paise Ninety Only	7480.00
5	Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete : 1.60 mm thick with zinc coating not less than 350 g/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	4.00 Rmt	Per ✓ Rmt.	1267.90	Rupees One Thousand Two Hundred & Sixty Seven - Paise Ninety Only	5072.00
6	Providing and fixing M.S BP sheet 1.66mm to 2mm thick in eaves board/facia/soffit/ceiling including cutting, fixing and welding to steel members and applying a coat of red lead primer complete (Base member of steel work shall be measured and paid separately) including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charges.	25.80 Sqm	Per ✓ Sqm.	1556.65	Rupees One Thousand Five Hundred & Fifty Six - Paise Sixty Five Only	40162.00
7	Providing and fixing ACP (Aluminium Composite Panel) sheet 3mm thick ceiling over MS Angles & T Section complete in all respect including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charges.	53.42 Sqmt.	Per ✓ Sqm.	1845.10	Rupees One Thousand Eight Hundred & Fourty Five - Paise Ten Only	98565.00
8	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. Complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge. (a) On Steel work	43.02 Sqmt.	Per ✓ Sqm.	147.35	Rupees One Hundred & Fourty Seven - Paise Thirty Five Only	6339.00

...the Engineer-In-Charge shall be communicated to the Engineer-In-Charge.

9	providing and laying cement concrete in retaining walls, retaining walls, walls, any thickness including arched plasters, columns, piers, abutments, pillars, posts, stairs, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillers, sunken floor etc. upto floor five level including the cost of centring, shuttering and finishing 1:2:4	1.75 cum	Per Cum.	7342.15	Rupees Seven Thousand Three Hundred & Forty Two - Paise Fifteen Only	12702.00	
10	One cement two sand four graded stone aggregate 20mm nominal size) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge						
	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (One cement : four course sand) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge	23.00 Sqmt.	Per Sqmt.	1695.15	Rupees One Thousand Six Hundred & Ninety Five - Paise Fifteen Only	38988.00	
Rupees Four Lakh Seventy Three Thousand Two Hundred & Thirty Nine Only							
						473239.00	

Executive Engineer
NH Division, HP, PWD, Solan

SCHEDULE OF QUANTITIES

Name of Work: Repair of existing Rain Shelter on Kalka-Shimla Wagon Road NH-05 from km 131/00 to 145/100 to 13/00 Shimla Bye Pass (SI:- Repair of existing rainshelter at Km 0/670 in SBP) (Against NHAI Deposit)

Estimated Cost :-	109852/- only
Earnest Money :-	2500/- only
Time limit :-	Three Months

S.N	Description of Items.	Qty	Unit	Rate in Figures	Rate in Words	Amount	Overall percentage to be Quoted by the bidder above/below the estimated cost inclusive of GST i.e. nearest two decimal places/amount
1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge..	403.56 kg	Per kg	108.65	Rupees One Hundred & Eight - Paise Sixty Five Only	43847.00	
2	Providing and fixing ACP (Aluminium Composite Panel) sheet 3mm thick ceiling over MS Angles & T Section complete in all respect including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-In-Charges.	14.22 Sqmt.	Per Sqmt.	1845.10	Rupees One Thousand Eight Hundred & Forty Five - Paise Ten Only	26237.00	
3	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (One cement : four coarse sand) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge	16.00 Sqmt.	Per Sqmt.	1695.15	Rupees One Thousand Six Hundred & Ninety Five - Paise Fifteen Only	27122.00	
4	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. Complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge. (a) On Steel work	85.82 Sqmt.	Per Sqmt.	147.35	Rupees One Hundred & Forty Seven - Paise Thirty Five Only	12646.09	
						109852.00	

Rupees One Lakh Nine Thousand Eight Hundred & Fifty Two Only

Executive Engineer
NHDD, Shimla, HP PWD, Solan

SCHEDULE OF QUANTITIES

From: Rs. 100/- To: Rs. 1000/-

Three Months

Estimated Cost :-	42164.00/-
Earliest Money :-	10000/- only
Time limit :-	Three Months

Name of Work:- Construction of Rain Shelter on Kalika-Shimla Wangleo road NH-05 from km 131/0 to 145/100, km 0/00 to 13/00 Shimla Bye Pass

SII:- Construction of Rain Shelter at Ram Nagar School near Lal Pani Bridge at RD 3/720) (Against NHAI Deposit)

No.	Description of Items	Qty	Unit	Rate in Figures	Rate in Words	Amount	Overall percentage to be Quoted by the bidder above /below the estimated cost inclusive of GST) i.e. nearest two decimal places/amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m as per the direction of Engineer-in-Charge.	6.60	cum	232.65	Rupees Two Hundred & Thirty Two - Paise Sixty Five Only	1535	
2	Providing and laying cement concrete in retaining walls, returns walls, walls (any thickness) including anchored pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. upto floor five level, including the cost of centring, shuttering and finishing 1:2:4 (One cement:two sand:four graded stone aggregate 20mm nominal size) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge	6.46	Cum	7342.15	Rupees Seven Thousand Three Hundred & Forty Two - Paise Fifteen Only	47430.00	
3	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (One cement : four course sand) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge	17.50	Sqmt. Per Sqmt.	1695.15	Rupees One Thousand Six Hundred & Ninety Five - Paise Fifteen Only	29665.00	



4	Structural steel work riveted, bolted or welded in built up sections, gusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge.	449.85 Kg	Per Kg	108.65	Rupees One Hundred & Eight - Paise Sixty Five Only	48874.00	
5	Providing and fixing of steel work in built up tubular (round square or rectangular hollow tubes etc) trusses etc. Including fabrication, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers, etc. complete (Ref DSR 2013)- Item No. 10.16) a Hot finished welded type tubes (TATA STRUCTURA /JINDAL MAKE) conforming to IS:1161&YST 210 tube. Tubes shall be clean, finished and reasonably free scale the standard size and weight of the tubes of the hollow section shall be as per IS:4923 washers shall be specially shaded where necessary or other means use to give the nuts and heads of the bolt a satisfactory bearing, weight of the cleats, brackets packing pieces, bolts, nuts washers distance pieces separators, diaphragm, gusses fish plate, etc. shall be added to the weight of the respective items by all mode of transportation to the entire satisfaction and direction of the Engineer-in-Charge.	1259.84 Kg	Per Kg	157.30	Rupees One Hundred & Thirty Seven - Paise Thirty Only	172976.00	
6	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 57 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	16.00 Sqm	Per Sqm.	1095.50	Rupees One Thousand & Ninety Five - Paise Fifty Only	17528.00	

7	Providing and fixing M.S. 18P sheet 1.60mm to 2mm thick in curves board fascia/soffit/ceiling including cutting, fixing and welding to steel members and applying a coat of red lead primer/complete (Base member of steel work shall be measured and paid separately) including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in- Charge.	17.40	Sqmt.	Per Sqmt.	✓	1556.65	Rupees One Thousand Five Hundred & Fifty Six - Paise Sixty Five Only	27086.00	
8	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete 0.80 mm thick with zinc coating not less than 275 gm/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	10.00	Rmt	Per Rmt.	✓	667.90	Rupees Six Hundred & Sixty Seven - Paise Ninety Only	6679.00	
9	Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J. or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete :1.60 mm thick with zinc coating not less than 350 gm/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	5.00	Rmt	Per Rmt.	✓	1267.90	Rupees One Thousand Two Hundred & Sixty Seven - Paise Ninety Only	6340.00	
10	Providing and fixing ACP (Aluminium Composit Panel) sheet 3mm thick ceiling over M/S Angles & T Section complete in all respect including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charges.	32.52	Sqmt.	Per Sqmt.	✓	1845.10	Rupees One Thousand Eight Hundred & Fourty Five - Paise Ten Only	60003.00	
11	Finishing with E-poxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. Complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In- Charge. (a) On Steel work	24.08	Sqmt.	Per Sqmt.	✓	147.35	Rupees One Hundred & Fourty Seven - Paise Thirty Five Only	3548.00	
								421664.00	

Rupees Four Lakh Twenty One Thousand Six Hundred & Sixty Four Only

Executive Engineer
NH Division, HP.PWD, Solan

SCHEDULE OF QUANTITY

Estimated Cost :-	495848/-only
Earnest Money :-	10000/-only
Time limit :-	Three Months

Name of Works: Repair and maintenance Rain Shelter on Kalka-Shimla Waggon road NH-05 from Km131/00 to 145/100 to 13/00 Shimla Bye Pass (Sh:-
Repair Rain shelter Near Sankat Mochan at RD 142/110 (Against NHAI Deposito)

Description of Items	Qty	Unit	Rate in Figures	Rate in Words	Amount	Overall percentage to be Quoted by the bidder above/below the estimated cost inclusive of GST i.e. nearest two decimal places/amount
1. Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	147.48 Kg	Per Kg	108.65	Rupees One Hundred & Eight - Paise Sixty Five Only	16024.00	
2. Providing and fixing of steel work in built up tubular (round square or rectangular hollow tubes etc) including fabrication, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete (Ref DSR 2013)- Item No. 10.16) a Hot finished welded type tubes (TATA STRUCTURA /JINDAL MAKE) conforming to IS:1161&YST 210 tube. Tubes shall be clean, finished and reasonably free scale the standard size and weight of the tubes of the hollow section shall be as per IS:4923 washers shall be specially shaped where necessary or other means use to give the nuts and heads of the bolt a satisfactory bearing weight of the cleats, brackets packing pieces, bolts, nuts washers distance pieces separators, diaphragm, gussets fish plate, etc. shall be added to the weight of the respective items by all mode of transportation to the entire satisfaction and direction of the Engineer-in-Charge.	1874.34 Kg	Per Kg	137.30	Rupees One Hundred & Thirty Seven - Paise Thirty Only	257347.00	

4	Providing and fixing galvanized galvanized iron profile sheets (size: 1200 mm x 60 mm) over corrugation as approved by Engineer-in-Charge. (Note: 1200 mm x 60 mm) total coated thickness with zinc coating 120 gms per sqm or per BS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-Charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5 x 55 mm) with EPDM seal, complete upto any pitch in horizontal vertical or curved surfaces, excluding the cost of labour, refast and trusses and including cutting to size and shape wherever required including all tend lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge.	49.80 Sqm	Per Sqm	1095.50	Rupees One Thousand Nine Hundred & Ninety Five - Paise Only	54556.00
5	Providing and fixing M.S BP sheet 1.60mm to 2.0mm thick in caves board facing roof/ceiling including cutting, fixing and welding to steel members and applying a coat of red lead primer complete (Base member of steel work shall be measured and paid separately) including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charge.	11.08 Sqm	Per Sqm	1556.65	Rupees One Thousand Five Hundred & Fifty Six - Paise Sixty Five Only	17248.00
6	Providing ridges or hips of width 60 cm overall width plain G.I. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. lumpet and bitumen washers complete 0.80 mm thick with zinc coating not less than 275 gm/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge.	13.30 Rmt	Per Rmt	667.90	Rupees Six Hundred & Sixty Seven - Paise Ninety Only	8883.00

7	Finishing surface of 90 cm wide overall in plain C.S. sheet fixed with galvanized steel 1. or 1.5 mm. bolts and nuts 8 mm dia G.I. angles and batten supports complete. 1.60 mm thick with zinc painting not less than 150 g/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge.	12.00 Rmt	Per Rmt	1363.00	Rupees One Thousand Two Hundred & Sixty Seven - Paise Ninety Only	15218.00	
8	Finishing and fixing AC P (Aluminium Composite Panel) sheet 1.60 mm thick with MS Angles & T Section complete in all respect including all lead, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charge.	21.72 Sqmt	Per Sqmt	1845.10	Rupees One Thousand Eight Hundred & Forty Five - Paise Ten Only	40076.00	
9	Finishing and fixing Tata Durashine liner sheet 0.47 mm thick with MS Angles & T Section complete including all lead, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charge.	39.42 Sqmt	Per Sqmt	781.55	Rupees Seven Hundred & Eighty One - Paise Fifty Five Only	30809.00	
10	Finishing with Epoxy paint (two or more coats) at all locations, prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. Complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge (a) On Steel work	33.97 Sqmt	Per Sqmt	147.35	Rupees One Hundred & Forty Seven - Paise Thirty Five Only	5005.00	
						495848.00	

Rupees Four Lakh Ninety Five Thousand Eight Hundred & Forty Eight Only

Executive Engineer
NH&SD, HP, PWD, Solan

SCHEDULE OF QUANTITY

Name of Work: Repair of existing Rain Shelter on Kalka-Shimla Wagon road NH-05 from Km 131/0 to 135/100, Km 0/00 to 13/00 Shimla Bye Pass (SH:-
Repair of existing Rain Shelter at Tunkandi Km RD 1/820) (Against SHAI Deposit)

Estimated Cost: -	48556/-only
Latest Money: -	10000/-only
Time limit: -	Three Months

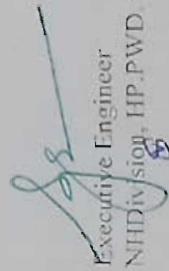
S.N	Description of Items	Qty	Unit	Rate in Figures	Rate in Words	Amount	Overall percentage to be quoted by the bidder above/below the estimated cost inclusive of GST i.e. nearest two decimal places amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m as per the direction of Engineer-in-Charge.	4.61	cum	232.65	Rupees Two Hundred & Thirty Two - Paise Sixty Five Only	1073	
2	Providing and laying cement concrete in retaining walls, returns walls, walls (any thickness) including anchored pilasters, columns, piers, abutments, pillars, posts struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. upto floor five level including the cost of centring, shuttering and finishing 1:2:4 (One eccentric two sand four graded stone aggregate 20mm nominal size) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge	3.86	Cum	Per cum 7342.15	Rupees Seven Thousand Three Hundred & Forty Two - Paise Fifteen Only	28341	

3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pillars, columns, piers, abutments, pilars, posts, stairs, buttresses, string or facing courses, parapets, coping bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor level, including the cost of centering, shuttering and finishing (1:1½:3 (1 cement : 1½ coarse sand) : 3 graded stone aggregate 20 mm nominal size) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge	1.89		7778.95	Rupees Seven Thousand Seven Hundred & Seventy Eight - Paise Five Only	14701	
4	Steel Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete upto plinth level :- thermo-Mechanically treated bars of grade FE-500 D or more including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge	178.04		92.95	Rupees Ninety Two - Paise Ninety Five Only	16549	
5	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (One cement : four coarse sand) including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge	16.00	Sqmt. Per Sqmt.	1695.15	Rupees One Thousand Six Hundred & Ninety Five - Paise Fifteen Only	27122	
6	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	219.05	Kg Per Kg	108.65	Rupees One Hundred & Eight - Paise Sixty Five Only	23800	

7	Providing and fixing of steel work in built up tubular (round square or rectangular hollow tubes etc) trusses etc. Including fabrication, bolting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers, etc. complete (Ref DSR 2013:- Item No. 10.16) a Hot finished welded type tubes (IATA STRUCTURAL JINDAL MAKE) conforming to IS:11616/YSI 210 type. Tubes shall be clean, finished and reasonably free scale the standard size and weight of the tubes of the hollow section shall be as per IS:4923 washers shall be specially shaped where necessary or other means use to give the nuts and heads of the bolt a satisfactory bearing, weight of the cleats, brackets, packing pieces, bolts, nuts washers distance pieces separators, diaphragm, gussets fish-plate, etc. shall be added to the weight of the respective items by all mode of transportation to the entire satisfaction and direction of the Engineer-in-Charge.	1753.67	Kg	Per Kg	137.30	Rupees One Hundred & Thirty Seven - Paise Thirty Only	240779
8	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge.	51.40	Sqm	Per Sqm	1095.50	Rupees One Thousand & Ninety Five - Paise Fifty Only	56309

9	Providing and fixing M.S BP sheet 1.66mm to 2mm thick in eaves board, fascia soffit ceiling including cutting, fixing and welding to steel members and applying a coat of red lead primer complete (Base member of steel work shall be measured and paid separately) including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charge.	3.76	Sqmt.	Per Sqmt.	1556.65	Rupees One Thousand Five Hundred & Fifty Six - Paise Sixty Five Only	5853
10	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.80 mm thick with zinc coating not less than 275 gm/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge.	8.50	Rmt	Per Rmt.	667.90	Rupees Six Hundred & Sixty Seven - Paise Ninety Only	5544
11	Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete : 1.60 mm thick with zinc coating not less than 350 gm/m ² including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-in-Charge.	4.50	Rmt	Per Rmt.	1267.90	Rupees One Thousand Two Hundred & Sixty Seven - Paise Ninety Only	5706
12	Providing and fixing ACP (Aluminium Composite Panel) sheet 3mm thick ceiling over MS Angles & T Section complete in all respects including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charge.	13.68	Sqmt.	Per Sqmt.	1845.10	Rupees One Thousand Eight Hundred & Forty Five - Paise Ten Only	25241
13	Providing and fixing Tata Durashine liner sheet 0.47mm thick ceiling over MS angles & T Section complete including all leads, lifts and carriage of materials by all modes of transportation as per satisfaction and direction of the Engineer-in-Charge.	38.20	Sqmt.	Per Sqmt.	781.55	Rupees Seven Hundred & Eighty One - Paise Fifty Five Only	29855

14	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. Complete including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge. (a) On Steel work	31.83	Sqmt	Per Sqmt.	147.53	Rupees One Hundred & Forty Seven - Paise Thirty Five Only	4690	
Rupees Four Lakh Eighty Five Thousand Five Hundred & Sixty Three Only							485563.00	


 Executive Engineer
 NH Division, HP.PWD, Solan

SCHEDULE OF QUANTITY

Name of Work:- Maintenance of Kalka-Shimla Wangtuo road NH-22(New NH 05) from Km 131/00 to 145/100, Km 0/00 to 13/00 on Shimla Bye Pass (SH:- Maintenance of earthen shoulder in various locations. (Against NHAI Deposit)

S.N	Description of Items.	Qty	Unit	Rate in Figures	Rate in Words	Amount	Overall percentage to be Quoted by the bidder above /below the estimated cost inclusive of GST) i.e. nearest two decimal places/amount
1	Maintenance f earthen shoulder for making up loss of material / irregularities on shoulder to lktne desing level by adding fresh approved soil and compacting it with appropriate equipment OMC upto a lead of 1000 mtrs . as per technical specification clause 1903 including all lead lift and carriage of material by all mode of transportation as per satisfaction and direction of the Engineer-In-Charge.	6382.55 m2	Per Sqmt.	55.65	Ruppes Fifty Five - Paise Sixty Five Only	355189.00	
						355189.00	

Ruppes Three Lakh Fifty Five Thousand One Hundred & Eighty Nine Only

Executive Engineer
NH Division, H.P. PWD, Solan