

Schedule of Quantity

Job-01

Name of work:- A/R & M/O link road Painingi to Nichar Km 0/00 to 16/00
Sub Head:- C/O U-Shape drain at RD 15/600 to 15/700 and C/O B/wall at RD 15/680 to 15/695)

Estimated Cost:- 457941.00
Earnest Money:- 9200.00
Time:- Two Months

Sr. No.	Description of Item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads. Lifts carriage of material and other incidentals	54.00			Per cubic metre	
2	Stone setting properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etcetra complete as per HP PWD. specification. 100mm (one hundred millimetre) spread thickness (finished work including materials and labour) including carriage of material in all leads. Lifts as per the entire satisfaction and direction of Engineer-in-charge.	11.25			Per cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 40mm (forty millimetre) nominal mix curing complete within all leads. Lifts carriage of material and other incidentals.	33.00			Per cubic metre	
4	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement is to four sand is to eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge.	23.48			Per cubic metre	
5	Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-charge.	560.00			Per Kg	
6	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (V) : 20 (H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	8.00			Each	
					Total	

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Schedule of Quantity

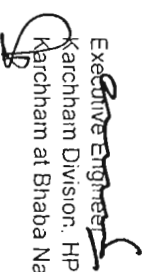
Estimated Cost:- 420514.00
 Earnest Money:- 8400.00
 Time:- Two Months

Job-02

Name of work:- C/O Govt. Sr Sec School at Nigulsani Distt. Kinnaur (HP).
 Sub Head:- C/o additional room at basement of Govt. Sr. Sec. School at Nigulsani i/c P/F MS girls to main school building and flooring of approach staircase for school with MS railing. Teh Nihar Distt Kinnaur (HP)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	filling in plinth with sand under floors including watering, ramming, consolidating and dressing complete including carriage of material upto all leads and lifts as per the direction of the Engineer-in-charge.	2.67			Per cubic metre	
2	Boulder filling dry hand packed tightly as in wire crate apron bund (wire crates to be measured separately) including carriage of material upto all leads and lifts as per the direction of the Engineer-in-charge.	4.01			Per cubic metre	
3	Providing and laying reinforced cement concrete 1:1½:3 (One cement one and half sand isto three crushed stone aggregate 20mm (twenty millimetre) nominal size mechanically mixed and vibrated curing complete excluding the cost of form work and reinforcement for reinforced concrete work in suspended floors, roofs, landings and shelves and their supports, balconies, beams, girders, bressumers and cantilevers up to floor all level and as per PWD specification o 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	3.76			Per cubic metre	
4	Providing Tor steel reinforcement of TATA tiscor /Sail /Rashitral Ispat including the cost of binding wire for R.C.C. work including bending, binding and placing in position complete in all floors in all heights, and as per HP PWD specification of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per the entire satisfaction and direction of the Engineer-in-charge.	188.00			Per Kilogramme	
5	Providing and laying brick work 23 Cm thick external wall in super structure above plinth level building bricks work in second class bricks in cement mortar 1:4 (One cement,isto four sand) and curing complete including carriage of materials through all modes of transportation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge.	12.60			Per cubic metre	
6	15mm cement plaster in two coats backing coat 10mm in cement mortar 1:4 (1 Cement:4 Sand) and finishing coat 5mm thick on fair side of brick masonry/stone masonry/concrete walls for interior plastering upto floor two level including arrises, internal rounded angles, channfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth and curing complete including carriage of materials through all modes of transportation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge	118.59			Per square meter	
7	6 mm (six millimetre) thick cement plaster to ceiling in all floors levels with cement mortar 1:3 (1 cement :3 sand) including curing and carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per direction of the Engineer-in-charge.	27.000			Per square metre	
8	Providing woodwork in frames of doors, windows, clerestory windows and other frames wrought, framed and fixed in position 2nd class decidar wood including carriage of materials through all modes of transportation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge.	0.12			Per cubic metre	

	Providing and fixing 40mm (forty millimeter) thick second class deodar wood panelled glazed or panelled and glazed shutter for doors, windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts complete in all respect.	10.41				Per square metre	
10	Providing and fixing Garsa stone 12mm cladding on R.C.C. surface side as on faces of Arch masonry walls etc. on 12mm thick cement plaster 1:3 (1 cement: 3 sand) and jointed with cement slurry i/c scaffolding etc. complete and as per HPPWD specification 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	108.94				Per square metre.	
11	Applying Brita white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete as per HPPWD specification of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per direction of the Engineer-in-charge.	54.79				Per square metre.	
12	Distempering (two coats) with 1st quality oil bound washable distemper of Asian paints or equivalent of approved shade and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer.	27.96				Per square metre.	
13	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty as required for meeting the surface as per HPPWD specification of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per direction of the Engineer-in-charge.	24.83				Per square metre.	
14	25 mm (twenty five millimetre) thick kota stone slab flooring (22 x 22mm.) size with 20 mm (twenty millimetre) thick base of cement mortar 1:4 (1 cement: 4 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab and as per HPPWD specification 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	62.00				Per square metre.	
15	Providing steel work of TATA, SAIL or RASHTRIYA ISPAT welded in built up sections/ hollow section trusses and framed work, including cutting hoisting and fixing in position and applying a priming coat of red lead paint in gratings, framed guard bars, ladders, brackets and similar works, and as per HPPWD specifications of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and as per direction of the Engineer-in-charge.	16.32				Per quintal.	
						Total	


 Executive Engineer
 Karchham Division, HPPWD,
 Karchham at Bhaba Nagar.

Schedule of Quantity

Job-03

Estimated Cost:- 308480.00
Earnest Money:- 6200.00
Time:- Two Months

Name of work:-C/O jeepable road from Bar bus stand to satkuting i/c parking at Jarida Km 0/00 to 3/500
Sub Head:- C/O B/wall at RD 1/330 to 1/350 i/c tiling) under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	25.80			Per cubic metre	
2	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge	48.6			Per cubic metre	
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	20.00			Each	
4	Construction of Sub-grade and Earthen Shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacted to meet requirement of Table 300.2 as per Technical Specification Clause 303.1 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	108.00			Per cubic metre	
					Total	

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Schedule of Quantity

Job-04

Estimated Cost:- 180349.00
Earnest Money:- 3600.00
Time:- Two Months

Name of work:-C/O link road Ponda to Bodh Temple Ponda KM 0/00 to 0/600

Sub Head:- F/I C Conc Paver block at RD 0/195 to 0/225) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing concrete for plain reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 40mm) (forty millimetre) nominal mix curing complete within all leads. It's carriage of material and other incidentals.	3.03			Per cubic metre	
2	Providing and Laying of Interlocking Concrete Block Pavements having thickness 60 mm as per drawing and Technical Specification Clause 1504 including carriage of material within all leads and lifts and as per the direction of Engineer-in-charge.	96.00			Per cubic metre	
					Total	

Executive Engineer,
Karchham Division,
HPWD at Bhaba Nagar.

Schedule of Quantity

Job-5

Estimated Cost:-

495001.00

Earnest Money:-

9900.00

Time:-

Two Months

Slam
Sub
Sr.
No.

Name of work:- A/R S M/O link road Chaura to Majhgoan (Rupi) road Km 0/00 to 27/050
Sub Head:- P.L. Kharja Stone soling at RD 12/450 to 12/550 and 12/700 to 12/945)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials maximum or earth etcetra complete as per H.P. PWD. specification. 100mm (one hundred millimetre) spread thickness (finished work including materials and labour) including cartage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	255.30			Per cubic metre	
	Total:-					

Executive Engineer
Karchham Division, HPPWD.,
Karchham at Bhaba Nagar.

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Schedule of Quantity

Job-6

Work of work:- C/O link road from company area to village Shorang Km 0/00 to 3/500

Head:- F/C 5/7 mtr wide road at RD 1/510 to 1/570) Under TASP

Estimated Cost:- 435564.00
Earnest Money:- 8700.00
Time:- Two Months

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 300.97 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	902.91			Per cubic metre	
				Total	

Executive Engineer
Karchham Division, HPPWD,
Karchham at Bhaba Nagar.

Schedule of Quantity

Estimated Cost:-
Earnest Money:-
Time:-

360616.00
7200.00
Two Months

Job-07

Name of work:- C/O link road to village Nichar to Pujle Gradhey Km 0/00 to 2/500
Sub Head:- C/O Biwall at RD 0/560 to 0/588) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	42.74			Per cubic metre	
2	Proding and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge	63.84			Per cubic metre	
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred milimetre) dia PVC pipe extneiding through the full width of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	34.00			Each	
					Total	

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Schedule of Quantity

Job-08

Estimated Cost:-
Earnest Money:-
Time:-

459779.00
9200.00
Two Months

Name of work:- M/T on additional 2 Km of Karchham Sapri Road Km 6/00 to 8/300
Sub Head:- C/O B/wall at RD 6/950 to 6/969

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in-charge.	69.26			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	25.84			Per cubic metre	
3	Providing and laying cement 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.08			Per cubic metre	
4	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	74.58			Per cubic metre	
5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	24.00			Each	
					Total	

Executive Engineer
Karchham Division,
HPPWD, at Bhada Nagar.

Schedule of Quantity

Job-09

Estimated Cost:-
Earnest Money:-
Time:-

146102.00
2900.00
One Months

Name of work:-A/R & M/O PWD rest house at Urni

Sub Head:- C/O steps and main gate of rest house entrance, plinth protection, U-Shape Drain, Shutters etc)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in foundation and trenches in earth work in all height and depths in all kinds of soil, including saturated soils comprising of pick work, jumper work, blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including dewatering wherever required, setting out to required lines, levels as shown on the drawing and directed by the Engineer-in-charge at site, according to the HP.PWD specification of 1990 (One thousand nine hundred ninety) volume-I (One) and sorting out useful and unuseful material and transportation of the unuseful material for disposing off to dumping site (to be arranged by the contractor) as per satisfaction of Engineer-in-charge through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All useful materials such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation and used/removed as per the direction of Engineer-in-charge. Any loss to the public and private property during the course of execution and disposal of serviceable and unserviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects including all incidental charges.	9.60			Per cubic metre	
2	Providing form work with steel plates 3.15mm (Three decimal fifteen millimetre) thick welded with angle iron in frame 30x30x5mm (Thirty into thirty into five millimetre) so as to give a fair finish including centring, snubbing strutting and propping etc. with wooden/steel battens and ballies, height of propping and centring below supporting floor to ceiling to any floor height and removal of the same for in-situ reinforced concrete and plain concrete work and as per HP.PWD specifications of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.					
2.1	In foundations, footings, bases of columns etc. and mass concrete	3.84			Per square metre	
2.2	In beams, cantilevers, girders and lintels sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels up to any depth in all floor level in all heights.	1.56			Per square metre	

	columns, pillars, posts and struts square, rectangular or polygonal in plan in all floor level in all heights	5.64			Per square metre	
	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve graded/ crushed stone aggregate 40mm (forty millimetre) nominal size) mechanically mixed and vibrated curing complete excluding the cost of work in foundation and plinth and as per HP.PWD specification of 1990 volume -I including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per direction of the Engineer-in-charge.	2.23			Per cubic metre	
4	Providing and laying reinforced cement concrete 1:1½:3 (One cement one and half sand isto three crushed stone aggregate 20mm (twenty millimetre) nominal size mechanically mixed and vibrated curing complete excluding the cost of form work and reinforcement for reinforced concrete work and as per PWD specification o 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge					
4.1	in foundation footings bases of columns and the like and mass concrete	0.59			Per cubic metre	
4.2	in columns, pillars, posts, and struts, square, rectangular or polygonal in plan in all floors level in all heights.	0.42			Per cubic metre	
4.3	In suspended floors, roofs, landings and shelves and their supports, balconies, beams, girders, bressumers and cantilevers up to floor all level.	0.23			Per Cubic meter.	

Providing for steel reinforcement of TATA tiscon /Sail /Rashtriva Ispat including the cost of binding for R C C work including bending binding and placing in position complete in all floors in all heights, and as per HP PWD specification of 1190 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per the entire satisfaction and direction of the Engineer-in-charge.

Providing and fixing 0.60mm thick pre-painted steel sheet of TATA Durashine in roofing with hot dip metallic zinc coated sheets with the top coat of regular modified polyester (RNP) organic coating 20 microns over 5 microns primer coating including fixing with pre-painted iron J or L hooks bolts and nuts 6 mm diameter with pre-painted limpet and rubber washer complete with all accessories as required as per direction of the Engineer-in-charge.

Providing and fixing ridges or hips 60cm over all with 0.45mm pre-painted steel hot dip metallic zinc coated sheets of TATA Durashine in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating including fixing with pre-painted J or L hooks bolts and nuts 6mm dia and pre-painted G 1 limpet and bitumen washer complete with all accessories as per direction of the Engineer-in-charge.

Providing and fixing M S B P sheet 2mm thick in eaves board/ facial/ soffit/ ceilings including cutting, fitting and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-Charge (Base members of steel work shall be measured and paid separately) including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.

Providing steel work of TATA Sail or RASHTRIVA ISPAT welded in built up sections/ hollow section trusses and framed work, including cutting hoisting and fixing in position and applying a priming coat of red lead paint and as per HP-PWD specifications of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and as per direction of the Engineer-in-charge.

9.1 In trusses and purlins of buildings

9.2 In gratings framed guard bars, ladders, railing, brackets and similar works.

10 Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge.

11 Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth including raking out joints in cement mortar 1:4 (one cement: Four sand) and curing complete including carriage of materials in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge.

215.37				Per Kilogram me.	
3.96				Per square metre.	
5.24				Per running metre.	
7.36				Per square metre.	
1.98				Per quintal.	
0.73				Per quintal.	
8.20				Per cubic metre	
4.20				Per cubic metre	

[illegible]

	Ang and fixing wire gauge shutters using galvanised M.S. wire gauge of 1 S gauge designation with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws 30mm thick 2nd class deodar wood including carriage of material labour tool and plants through all modes of transportation within all leads and lifts and as per direction of the Engineer-in-charge				Per square metre.	
	Providing and fixing 125mm (one hundred and twenty five millimetre) size aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. completed and as per HP PWD specification of 1990 volume-I including carriage of material labour tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge	2.00			Each	
1	Providing and fixing 250x10mm (two hundred fifty into ten millimetre) size M.S. tower bolts (barrel type) with necessary screws etc. complete completed and as per HP PWD specification of 1990 volume-I including carriage of material labour tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge	4.00			Each	
22	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter) sand papering and knotting. Ready mixed paint aluminium brushing primer water resistant including carriage of material labour tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge	3.44			Per square metre.	
23	Painting two coat (excluding priming coat) on new wood and wood based surfaces with ready mixed paint brushing to give an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of material labour tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge	3.44			Per square metre.	
24	Painting one coat (excluding priming coat) previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping With white enamel paint including carriage of material labour tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge	171.36			Per square metre.	
25	Painting one or more coats on G.I. Sheets with ready mix paint of approved brand and manufacture on old work to give an even shade with White /grey/green shade including carriage of material labour tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge	147.00			Per square metre.	
26	Providing and fixing corrugated G.I. sheet roofing 0.63 mm thick sheet fixed with galvanised iron J or L hooks bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purins, rafters and trusses including carriage of material labour tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge	1.00			Per square metre	
27	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of material labour tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge	1.00			Each	

	Providing and fixing 15mm nominal dia. C.P. brass bib tap with capstan head as per HPPWD specification of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	5.00				Each.	
29	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	4.00				Each.	
30	C.P. Connection pipe 45cm Long 15mm bore including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	8.10				Each.	
31	Providing and fixing 15mm nominal bore to wall ceiling and floor galvanised mild steel tubes (light grade) tube fitting and clamps including making good the wall, ceiling and floor including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	20.00				Per running metre.	
						Total	

Executive Engineer,
 Karcham Division, HPPWD.,
 Karcham at Bhaba Nagar.

Schedule of Quantity

Job-10

Name of work:- C/O jeepable road from Chaggaon Bus stand to village Yashang Km 0/00 to 4/00

Sub Head:- FIC 3/5 mtr wide road Km 1/720 to 1/810 and R/wall in wire crate at RD 1/720 to 1/740) Under TASP

Estimated Cost:- 498812.00
Earnest Money:- 10000.00
Time:- Two Months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 186.57 cubic metre falling which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in accured width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	674.28			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting cut, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	15.75			Per cubic metre	
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS:280 and IS 4826 in 100mmx 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilograms) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	66.00			Per cubic metre	
					Total	

Executive Engineer
Karchham Division, HPPWD,
Karchham at Bhaba Nagar.

Schedule of Quantity

Job

Estimated Cost:- 440013.00
Earnest Money:- 8800.00
Time:- Two Months

Name of work:- C/O link road from Nanspo village to upper Tranda Km 0/00 to 3/500

Sub Head:- C/O R/wall and culverts 600 mm dia hume pipe culvert at RD 2/040 to 2/052 and 2/130 to 2/138) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	34.16			Per cubic metre	
2	Providing and laying ceent 16:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.40			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge	67.80			Per cubic metre	
4	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement is to four sand six eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 602, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge	2.73			Per cubic metre	
5	Providing and laying 600 mm dia reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation protection work, back filling, concrete and masonry work in head walls and parapets clause 1106 including the carriage of material within all leads and lifts and as per the direction of Engineer-in-charge	5.00			Per Running meter	
6	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	28.00			Each	
Total						

Executive Engineer,
Karcham Division,
HPPWD at Bhaba Nagar.

Schedule of Quantity

Job-12

Estimated Cost:- 437224.00
Earnest Money:- 8800.00
Time:- Two Months

Name of work:- A/R & M/O on Tapir (Chholu) Punang Road Km. 0/00 to 5/00
Sub Head:- C/O Riwall at Rd. 4/564 to 4/576)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads lifts carriage of material and other incidentals.	23.76			Per cubic metre	
2	Providing and laying cement 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.32			Per cubic metre	
	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	74.27			Per cubic metre	
	Providing weed holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (v) : 20(h) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-Charge.	22.00			Each	
	Back filling behind abutment wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-Charge.	9.54			Per cubic metre	
	Construction of embankment with approved material obtained from borrow pits within all leads and lifts, transporting to site spreading grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-Charge.	10.80			Per cubic metre	
					Total	

Executive Engineer,

Karichham Division, HPPWD,
Karichham at Bhaha Nagar.

Schedule of Quantity

Job-13

Estimated Cost:- 415205.00
Earnest Money:- 8400.00
Time:- Two Months

Name of work - Co line road to village Kana Km 0.00 to 2.00
Sub Head - CC Road at RD 1145 to 1165 Under TASP

Sl. No.	Description of Item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal and any lead crossing of pipes and removals and back filling in trenches with excavated suitable materials complete within all leads and carriage of material and other incidentals.	26.60			Per cubic metre	
2	Forming and laying cement 1:6 1/2 (one cement six sand) twelve graded stone aggregate -40mm (forty number) nominal size for plain reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	7.00			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement six sand) for structure like retaining walls, breast walls wing walls, toe walls abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	64.00			Per cubic metre	
4	Back filling behind abutment wing wall and return wall breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	19.20			Per cubic metre	
5	Construction of embankment with approved material obtained from borrow pits within all leads and lifts transporting to site spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge.	32.00			Per cubic metre	
6	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (V) 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	26.00			Each	
					Total	

Executive Engineer
Karcham Division, HPPWD,
Karcham at Bhaba Nagar.

Schedule of Quantity

Job-14

Estimated Cost:- 446542.00

Earnest Money:- 8900.00

Time:- Two Months

Name of work:- C/O link road to village Batun Km 0/00 to 1/500

Sub Head:- C/O Rwall at RD 0/230 to 0/245) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead crossing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads. Lifts carriage of material and other incidentals.	28.20			Per cubic metre	
2	Supplying fitting and placing TMT bar reinforcement in superstructure complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.200			Per tonne	
3	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : three sand : six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plinths as per drawings and technical specification for rural roads clause 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	23.25			Per cubic metre	
4	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS 280 and IS 4826 in 100mm x 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge.	81.00			Per cubic metre	
5	Construction of embankment with approved material obtained from borrow pits within all leads and lifts, transporting to site spreading grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-Charge.	39.45			Per cubic metre	
					Total	

Executive Engineer

Karjham Division, HPPWD.,

Karjham at Bhaba Nagar.

Schedule of Quantity

Job-15

Name of work:- C/O play ground at Govt S S School at Shong
Sub Head:- C/O R/wall at RD 0/022 to 0/042) Under TASP

Estimated Cost:- 486465.00
Earnest Money:- 9700.00
Time:- Two Months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	25.60			Per cubic metre	
2	Providing and laying cement 1:6:12 (one cement six sand) twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	7.00			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	76.60			Per cubic metre	
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	21.60			Per cubic metre	
5	Construction of embankment with approved material obtained from borrow pits within all leads and lifts, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge	27.00			Per cubic metre	
6	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04 3, 7 within all leads and lifts and as per direction of Engineer-in-charge	30.00			Each	
					Total	

Executive Engineer
Kanchanam Division, HPPWD,
Kanchanam at Bhapa Nagar.

Schedule of Quantity

Job-16

Estimated Cost:-
Earnest Money:-
Time:-

496124.00
10000.00
Two Months

Name of work:- C/O jeepable road from Brua to Chumang Km 0/00 to 1/200

Sub Head:- C/O B/wall in wire gate at RD 0/040 to 0/071 Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blinding and finishing of the road to specified dimensions or as directed by the Engineer-in-charge.	51.62			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	18.60			Per cubic metre	
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS 280 and IS 4826 in 100mm x 100mm (one hundred millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	150.66			Per cubic metre	
Total						

Executive Engineer,
Karchham Division,
HBPWD at Bhaba Nagar.

Schedule of Quantity

Job-17

Estimated Cost:- 319482.00

Earnest Money:- 6400.00

Time:- Two Months

Name of work:- R/R Damages on link road to village Yulia Km 0/00 to 2/835

Sub Head:- C/O R/wall at RD 0/822 to 0/827 and R/wall in wire crate at RD 0/827 to 0/837)

Sr. No.	Description of Item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	30.02			Per cubic metre	
2	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : three sand : six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plinths as per drawings and technical specification for rural roads clause 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	24.99			Per cubic metre	
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-Charge.	6.00			Each	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-Charge.	6.00			Per cubic metre	
6	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS:280 and IS 4526 in 100mm x 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge.	41.10			Per cubic metre	
					Total	

Executive Engineer

Kalchham Division, HPPWD.,

Kalchham at Bhaba Nagar.

Schedule of Quantity

Job-18

Name of work:- C/O link road from NH-05 to Chaura to forest rest house Chaura Km 0/00 to 3/500

Estimated Cost:-
Earnest Money:-
Time:-

403241.00
8100.00
Two Months

Sub Head:- FIC 35 mtr wide road at RD 1/465 to 1/615 and C/O R/wall in wire crate at RD 1/500 to 1/525) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation & earthwork in hilly area at heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc and to protect stability of hill side. Rock shall be excavated with chiseling and wedging cut rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge.	657.27			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	3.60			Per cubic metre	
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS 280 and IS 4326 in 100mm x 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in charge	86.40			Per cubic metre	
Total						

Executive Engineer,
Karcham Division,
H.P. WD at Bhaba Nagar.

Schedule of Quantity

Job-19

Name of work:-MT on additional 2 Km of Karchham Sapni Road Km 6/00 to 8/300

Estimated Cost:-
Earnest Money:-
Time:-

497482.00
10000.00
Two Months

Sub Head:- C/O R/wall at RD 7/196 to 7/211 50) Under TASP

Sr. No.	Description of Item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	37.20			Per cubic metre	
2	Providing and laying cement 1:6 12 (one cement : six sand: twelve graded stone aggregate 40mm forty millimeter) nominal size for plan /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	7.75			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls breast walls toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge	81.38			Per cubic metre	
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	15.00			Each	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge	11.63			Per cubic metre	
6	Construction of embankment with approved material obtained from borrow pits within all leads and lifts transporting to site spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge	10.23			Per cubic metre	
					Total	

Executive Engineer
Karchham Division,
HPPWD, at Bhaba Nagar.

Schedule of Quantity

Estimated Cost:- 425456.00
Earnest Money:- 9200.00
Time:- Two Months

Job-20

Name of work:- Old link road from Chotta Kamba to village Gharasu Km 0/00 to 2/930

Sub Head:- F.O 5/7 mtr wide road w/c R/wall at RD 2/945 to 2/970 Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area all heights and depths in all kind of soil including saturated soil comprising of mixed soil ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in-charge.	30.15			Per cubic metre	
2	Providing and laying cement 1:6:12 (one cement: six sand: twelve graded stone aggregate 40mm forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-charge.	3.25			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-charge.	69.19			Per cubic metre	
4	Providing weed holes in brick masonry/stone masonry/plain/reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	40.00			Each	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	25.13			Per cubic metre	
6	Construction of embankment with approved material obtained from borrow pits within all leads and lifts, transporting to site, spreading grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge.	10.97			Per cubic metre	
					Total	

Executive Engineer
Karchham Division,
APPWD at Bhaba Nagar.

Schedule of Quantity

Job-21

Estimated Cost:-

172735.00

Earnest Money:-

3500.00

Time:-

One Month

Name of work: A/R & M/O link road Paining to Nachar Km 0/00 to 16/00

Sub Head:- C/O B wall at RD 6/730 to 6/7401

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other essentials	9.60			Per cubic metre	
2	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand sto eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and during complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge	31.65			Per cubic metre	
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	10.00			Each	
					Total	

Executive Engineer

Karcham Division,

HPPWD at Bhaba Nagar.

Schedule of Quantity

Job-4

Name of work:- A/R & M/O Ponda Ban road Km 0/00 to 5/200
Sub Head:- C/O Gkwall at R D 3/080 to 3/100)

Estimated Cost:- 210328.00
Earnest Money:- 4200.00
Time:- Two Months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner. Trimming, filling of unevenness, bindage and finishing of the road to specified dimensions or as directed by the Engineer-in-charge	14.20			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and dressing upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads. Lifts carriage of material and other incidentals.	29.40			Per cubic metre	
3	Binding and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls. as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge.	84.50			Per cubic metre	
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia P.V.C. pipe extending through the full width of the structures with slope of (1:1) : 20(H) towards drawing face complete as per drawing and technical specification clause 514, 709, 1204, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	28.00			Each	
					Total	

Executive Engineer
Karchham Division, HPPWD,
Karchham at Bhaba Nagar.

Schedule of Quantity

Job-23

Estimated Cost:- 457627.00

Earnest Money:- 9200.00

Time:- Two Months

Name of work:- C/O motorable road from Maflo to Rakchham via Khale Tulla Barpang Dangdabshi Km 0/00 to 2/510
Sub Head:- F/C S/T mlti wide road Km 0/150 to 0/270 and C/O Bwall in wire crate at RD 0/150 to 0/200)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and he g's in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which sha not be less than 200.00 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases	2008.88			Per cubic metre	
2	Providing and laying Boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS.280 and IS 4626 in 100mmx 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	156.00			Per cubic metre	
Total:-						

Executive Engineer

Karchham Division, HPPWD,
Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-24

Estimated Cost:- 296453.00
 Earnest Money:- 5900.00
 Time:- One month

Name of work:- R/R Damages on KSC road Km 0/00 to 41/500

Sub Head:- Removal of slips at Km 0/00 to 2/00 and 13/00 to 14/00)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slips and disposal of cut materials complete with in all leads and lifts of materials and other incidentals.	2044.50			Per cubic metre	
			Total:-			

[Signature]
 Executive Engineer,
 Karchham Division, HPPWD.,
 Karchham at Bhaba Nagar.



**Himachal Pradesh
Public works Department**

NO: PW- BHNR-B&R-EA-1-Tender/2023-2999-3004 Dated:- 21.7.023
To,

The Executive Engineer,
IT Cell HP.PWD Shimla-2.

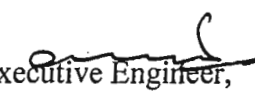
Subject: - Publication of Notice Inviting Tender.

Sir,

I am enclosing herewith the Notice Inviting Tender along with schedule of Qty. for favour of information and necessary action. The work attached in list is of very urgent nature. It is requested that the same may kindly be got published.

Yours Faithfully,

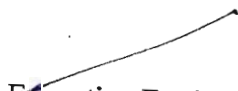
DA: - As above.


Executive Engineer,
Karchham Division,
HP.PWD, Bhabanagar.

Copy to following for information & necessary action.

1. Chief Engineer (SZ), HP.PWD, Shimla.
2. Superintending Engineer, 11th Circle, HP.PWD, Rampur Bushahr.
3. All the Assistant Engineers, working under this Division.
4. Drawing Branch of this office
5. Notice Board of this office.

DA: - 1 No.


Executive Engineer,
Karchham Division,
HP.PWD, Bhabanagar.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDERS

The Executive Engineer, Karchham Division, H.P.P.W.D. Bhabanagar District Kinnaur Pin-172115 invite Item rate tenders in sealed cover on the prescribed forms from the eligible Contractors on 03.08.2023 and shall be opened on the same day at 11:00 Hrs. in the presence of Intending contractors or their authorized representatives who wish to be present at the time.

Sr. No	Name of work	Estimated cost	Earnest money	Time	Cost of form
1	A/R & M/O link road Palingi to Nichar Km 0/00 to 16/00 (Sub Head:-C/O U-Shape drain at RD 15/600 to 15/700 and C/o B/wall at RD 15/680 to 15/695)	457941	9200	Two months	350/-
2	C/O Govt. Sr Sec School at Nigulsari Distt. Kinnaur (HP). (Sub Head Head:- C/o additional room at basement of Govt. Sr. Sec. School at Nigulsari i/c P/F MS grils to main school building and flooring of approach staircase for school with MS railing, Teh Nichar Distt. Kinnaur (HP)	420514	8400	Two months	350/
3	C/O jeepable road from Bari bus stand to satkutng i/c parking at Jatida Km 0/00 to 3/500 (Sub Head:- C/O B/wall at RD 1/330 to 1/350 i/c filling) under TASP	308480	6200	Two months	350/
4	C/o link road Ponda to Bodh Temple Ponda KM 0/00 to 0/600 (Sub Head:- P/L C.Conc Paver block at RD 0/195 to 0/225) Under TASP	180349	3600	Two months	350/
5	A/R & M/O link road Chaura to Majhgoan (Rupi) road Km 0/00 to 27/050 (Sub Head:- P/L Kharnja Stone soling at RD 12/450 to 12/550 and 12/700 to 12/945)	495001	9900	Two months	350/
6	C/o link road from company area to village Shorang Km 0/00 to 3/500 (Sub Head:- F/C 5/7 mtr wide road at RD 1/510 to 1/570) Under TASP	435564	8700	Two months	350/
7	C/O link road to village Nichar to Puje Gradhey Km 0/00 to 2/500 (Sub Head:- C/O B/wall at RD 0/560 to 0/588) Under TASP	360616	7200	Two months	350/
8	M/T on additional 2 Km of Karchham Sapni Road Km 6/00 to 8/300 (Sub Head:-C/O B/wall at RD 6/950 to 6/969)	459779	9200	Two months	350/-
9	A/R & M/O PWD rest house at Urni (Sub head:- C/O steps and main gate of rest house enterance , plinth protection, U-Shape Drain, Shutters etc)	146102	2900	One month	350/
10	C/O jeepable road from Chagaon Bus stand to village Yashang Km 0/00 to 4/00 (Sub Head:- F/C 3/5 mtr wide raod Km 1/720 to 1/810 and R/wall in wire crate at RD 1/720 to 1/740) Under TASP	498812	10000	Two months	350/-
11	C/O link road from Nanspo village to upper Tranda Km 0/00 to 3/500 (Sub Head:- C/O R/wall and culverts 600 mm dia hume pipe culvert at RD 2/040 to 2/052 and 2/130 to 2/138) Under TASP	440013	8800	Two months	350/
12	A/R & M/O on Tapri (Chholtu) Punang Road Km. 0/00 to 5/00 (SH:- C/O R/wall at Rd.4/564 to 4/576).	437224	8800	Two months	350/
13	C/o link road to village Kanai Km 0/00 to 2/00 (Sub Head:- C/O R/wall at RD 1/145 to 1/165) Under TASP	418205	8400	Two months	350/
14	C/O link road to village Baturi Km 0/00 to 1/500 (Sub Head:- C/O R/wall at RD 0/230 to 0/245) Under TASP	446542	8900	Two months	350/
15	C/o play graound at Govt. S.S.School at Shong (Sub Head:- C/O R/wall at RD 0/022 to 0/042) Under TASP	486465	9700	Two months	350/

	C/o jeepable road from Brua to Chunang Km 0/00 to 1/200 (Sub Head:- C/O B/wall in wire crate at RD 0/040 to 0/071) Under TASP	496124	10000	Two months	350/-
17	R/R Damages on link road to village Yulla Km 0/00 to 2/835 (Sub Head:- C/O R/wall at RD 0/822 to 0/827 and R/wall in wire crate at RD 0/827 to 0/837)	319482	6400	Two months	350/-
18	C/O link road from NH-05 to Chaura to forest rest house Chaura Km 0/00 to 3/500 (Sub head:- F/C 3/5 mtr wide road at RD 1/465 to 1/615 and C/o R/wall in wire crate at RD 1/500 to 1/525) Under TASP	403241	8100	Two months	350/-
19	M/T on additional 2 Km of Karchham Sapni Road Km 6/00 to 8/300 (Sub Head:-C/o R/wall at RD 7/196 to 7/211.50) Under TASP	497482	10000	Two months	350/-
20	C/o link road from Chotta Kamba to village Gharsu Km 0/00 to 2/930 (Sub Head:- F/C 5/7 mtr wide road i/c R/wall at RD 2/945 to 2/970) Under TASP	425438	8500	Two months	350/-
21	A/R & M/O link road Palingi to Nichar Km 0/00 to 16/00 (Sub Head:-C/O B/wall at RD 6/730 to 6/740)	172735	3500	One month	350/-
22	A/R & M/O Ponda Bari road Km 0/00 to 5/200 (Sub Head:-C/o B/wall at RD 3/080 to 3/100)	210328	4200	One month	350/-
23	C/O motrable road from Maffo to Rakchham via Khale Tulla Barpang Dangdabgshi Km 0/00 to 2/510 (Sub Head:- F/C 5/7 mtr wide road Km 0/150 to 0/270 and C/o B/wall in wire crate at RD 0/150 to 0/200)	457628	9200	Two months	350/-
24	R/R Damages on KSC road Km 0/00 to 41/500 (Sub Head:- Removal of slips at Km 0/00 to 2/00 and 13/00 to 14/00)	296452	5900	One month	350/-

TERMS AND CONDITIONS:-

The Earnest Money shown against each work must accompany with each tender in the shape of National Saving Certificate/Time Deposit Account/Post Office Saving Bank Account of any of the Post Offices duly pledged in the name of undersigned. The application of each tender alongwith following documents must reach in this office on 01.08.2023 upto 12:15 P.M. and issued on same day.


(i) Each application alongwith attested copy of the proof of enlistment in the appropriate Class and its renewal.

(ii) Permanent Account Number (PAN)

(iii) EPF No. and GST.

(iv) Exemption Letter for payment of earnest money from competent authority if any.

The contractor enlisted in a particulars class shall be eligible to tender for his own class and one step below. The tender rates must be quoted in words and figures by the tenderer. The conditional tenders or the tenders without earnest money shall be rejected. The Executive Engineer reserves the right to reject any or all tenders without assigning any reason. In case there happens to be a holiday on the date of opening of the tenders the same shall be opened on the next working day. The offer of the tender shall remain valid upto 90days from the opening of the tenders.


Executive Engineer,
Karchham Division,
HP:PWD:Bhabanagar