

**PUBLIC WORKS DEPARTMENT,
GOVERNMENT OF HIMACHAL PRADESH**

AND

**HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE
DEVELOPMENT CORPORATION (HPRIDC),**

**HIMACHAL PRADESH STATE ROADTRANSFORMATION
PROJECT (HPSRTP)**

NAME OF THE CONTRACT:

**UPGRADATION OF MANDI REWALSAR KALKHAR ROAD
IN MANDI DISTRICT
FROM KM 11/000 TO 27/854**

**BIDDING DOCUMENT
(NATIONAL OPEN COMPETITIVE PROCUREMENT)**

Volume -2

PART 1 : BIDDING PROCEDURES

Section IV : Bidding Forms (Financial Part)

Letter of Bid - Financial Part

Date of this Bid submission: *[insert date (as day, month and year) of Bid submission]*

Request for Bid No.: *[insert identification]*

To:

The Chief Engineer cum Project Director, State Roads Project, HPRIDC.

Street Address: Nigam Vihar

City: Shimla, Himachal Pradesh

PIN/Postal Code: 171002

Country: India

We, the undersigned, hereby submit the second part of our Bid, the Bid Price and Bill of Quantities. This accompanies the Letter of Technical Part.

In submitting our Bid, we make the following additional declarations:

- (a) **Bid Validity Period:** Our Bid shall be valid for a period specified in BDS 18.1 (or as amended if applicable) from the date fixed for the Bid submission deadline specified in BDS 22.1 (or as amended if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (c) below is: Total price is: *[insert the total price of the Bid in Rs in words and figures]*;
- (c) **Discounts:** The discounts offered and the methodology for their application are:
- (i) The discounts offered are: *[Specify in detail each discount offered]*
- (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts]*;
- (d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*.

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate ñnone.ö)

Name of the Bidder: **[insert complete name of person signing the Bid]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: ** *[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

** : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules

Appendix to Financial Part: Schedules Sub-contracting

SCHEDULE OF SUBCONTRACTORS

[Note: Entries in this Schedule shall be the same as included in the same Schedule in the technical part of the bid, except for the column on 'Approximate value of subcontract' added in the table below]

Item	Element of work	Approximate value of subcontract	% of bid price	Name and address of sub-contractor	Qualification and experience of sub-contractor on similar works of the elements executed

The Bidder shall enter in this schedule a list of the major sections and appropriate value of the work for which he proposed to use subcontractors *[for those costing more than 10% of the bid price for each element]*, together with the names, addresses and experiences of the proposed subcontractors.

The capability of the subcontractor will also be assessed (on the same lines as for the main Contractor) before according approval to him.

(Work should not be split into small parts and subcontracted; but subcontracting specialized elements of works is acceptable).

Appendix to Financial Part:

Schedule	Item Description	Page From To
A	Bill of Quantities	Attached separately
B	Penalty Non Compliances (MSIP-ESMP)	13 to 16

BILL OF QUANTITIES (SCHEDULE –A)

PREAMBLE

1. GENERAL PREAMBLES

- 1.1 The Bill of Quantities shall be read in conjunction with the several documents forming the Contract including General Conditions of Contract, Conditions of Particular Application, Schedules, Appendices, Technical Specifications, Drawings, Annexures and Addendums.
- 1.2 The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Project Manager in accordance with the contract and valued at the rates and prices tendered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Project Manager may fix in accordance with the provisions of the Contract.
- 1.3 The rates and prices entered in the Priced Bill of Quantities shall, unless expressly stated otherwise in the Contract, include for the *comprehensive* costs of carrying out the work in accordance with the requirements of the Contract including without limitation for all Contractor's Equipment, labour, materials (including wastage), setting out, trials, obtaining approvals, erection, Temporary Works, work of rectification, supervision, maintenance, insurance, profit, Royalty, taxes and duties, together with the costs of all risks, liabilities and obligations that are set out in or can reasonably be inferred from the Contract and including the rectification of any defects during the Defect Liability Period.
- 1.4 The rates and prices shall be quoted entirely in INR.
- 1.5 A rate or unit price shall be entered against each item in the Bill of Quantities including scope of Management Strategies and Implementation Plans (MSIP) proposed at Bidding stage and any cost thereof to prepare contractor's C-ESMP other than line items paid under Bill No-12, whether quantities are stated or not. The cost of items against which the Contractor has failed to enter a rate or price shall be deemed to have been covered by other rates and prices entered in the Bill of Quantities.
- 1.6 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of work.
- 1.7 General directions and descriptions of work and materials are not necessarily repeated or summarized in the Bill of Quantities. References to the relevant sections of the contract documentation shall be made before entering rates or prices against each item in the priced Bill of Quantities.
- 1.8 The measurement of completed work for payment shall be in accordance the requirements as stated in the individual sections of the Technical Specifications.
- 1.9 Measurement and payment for earthworks shall be made on the basis of the net cross-section specified on the drawings and as per Technical Specifications and no additional payment shall be due or made in respect of variations within or outside the specified tolerances.

- 1.10** All measurements and calculations of quantities shall be in metric units. If other systems of units are shown in Drawings or mentioned in specifications and are relevant to measurements, such other systems of units shall first be converted into metric units for the purposes of measurements and checking tolerances.

B. ABBREVIATIONS

Abbreviation	For
BIS	: Bureau of Indian Standards.
c ³ or Cum	: Cubic centimetre
Eqpt. hrs.	: Equipment working time for hours
EMP	: Environmental Management Plan
GI	: Galvanized Iron
HP	: Horse Power
Hrs	: Hours
HDPE	: High-Density Polyethylene
ha	: Hectare
IRC	: Indian Roads Congress
IS	: Indian Standard
Rs.	: Indian Rupees
LS or SUM	: Lump Sum
Nr. or No.	: Number
Lm or m	: Linear metre
KM or km	: Kilometre
m ² or sq.m	: Square metre
m ³ or cu.m	: Cubic metre
KG or kg	: Kilogram
T or MT	: Tonne
PS	: Provisional Sum
MORT&H Specification	: Specifications for Road and Bridge Works (Fifth Revision, April 2013) Issued by the Ministry of Road Transport & Highways, Government of India and published by the Indian Roads Congress, henceforth called MORT&H Specifications and deemed to be bound into this document.
Prov.	: Provisional
P.O.L.	: Petrol, Oil and Lubricants
Veh. day	: One Vehicle working time for a day
Veh. Month	: One Vehicle working time for a Month
Man Day	: One Person working time for a day
PVC	: PolyVinyl Chloride (Plastic Material)
PCC	: Plain Cement Concrete
RCC	: Reinforced Cement Concrete
TMT	: Thermo-Mechanically Treated
T&P	: Tools and Plants

C. WORK ITEMS**The bill of quantities contains the following part bills:**

Bill No. 1	-	Site Clearance and Dismantling
Bill No. 2	-	Earthworks
Bill No. 3	-	Sub-base Course & Base Course (Non Bituminous)
Bill No. 4	-	Base and Surface Courses (Bituminous & Rigid)
Bill No. 5	-	Culverts
Bill No. 6	-	Underpass
Bill No. 7	-	Drainage and Protection Works
Bill No. 8	-	Mitigation Measures at Associated Facilities
Bill No. 9	-	Traffic Signs, Markings and other Appurtenances
Bill No. 10	-	Miscellaneous and Traffic Safety
Bill No. 11	-	Schedule of Day Works
Bill No. 12	-	ESMP Measures

BILL OF QUANTITIES(SCHEDULE - A)

Attached separately

GRAND SUMMARY**Contract Name:****Contract No:**

General Summary	Page	Amount
BILL NO. 1 : SITE CLEARANCE AND DISMANTLING		
BILL NO. 2 : EARTHWORK		
BILL NO. 3 : SUB BASE & BASE COURSE		
BILL NO. 4 : BITUMINOUS COURSE & RIGID PAVEMENT		
BILL NO. 5 : CULVERTS		
BILL NO. 6 : UNDERPASS		
BILL NO 7 : DRAINAGE AND PROTECTIVE WORKS		
BILL NO. 8 : MITIGATION MEASURES AT ASSOCIATED FACILITIES		
BILL NO. 9 : TRAFFIC SIGNS, MARKINGS & OTHER APPURENANCES		
BILL NO. 10 : MISCELLANEOUS & TRAFFIC SAFETY		
BILL NO. 11 : SCHEDULE OF DAY WORKS		
BILL NO. 12 : ESMP MEASURES		
GRAND TOTAL IN RS:		

Note:

1. *Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities (refer: ITB Clause 14.2 and GCC Clause 41.3).*
2. *Unit rates and prices shall be quoted by the bidder in Indian Rupees (refer: ITB Clause 14.1 and ITB Clause 15.1).*
3. *Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern (refer: ITB Clause 36). [Note: delete this point if the e-procurement system automatically calculates the total from the unit rate and quantity]*
4. *Where there is a discrepancy between the rate in figures and words, the rates in words will govern (refer: ITB Clause 36). [Note: delete this point if the e-procurement system automatically populates the amount in words from the amount in figures]*

PENALTY FOR NON-COMPLIANCE (MSIP-ESMP/C-ESMP)(SCHEDULE - B)

(Refer WORKS REQUIREMENT (SECTION VII PART 6C) MANAGEMENT STRATEGIES AND IMPLEMENTATION PLANS (MSIP) TO MANAGE ESHS RISKS
(ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN-ESMP)

Item No	Description of Item No as per (MSIP-ESMP/C-ESMP)	Penalty amount (in Rs)
1	Crushers, Hot-mix Plants and Batching Plants Location as per MSIP-ESMP/C-ESMP of item No. 8	
2	Deployment of Construction Vehicles, Equipment and Machinery as per MSIP-ESMP/C-ESMP of item No. 9	
3	Selection and Management of Borrow Areas as per MSIP-ESMP/C-ESMP of item No. 10	
4	Selection and Management of Quarry and its operations as per MSIP-ESMP/C-ESMP of item No. 11	
5	Arrangement for Construction Water as per MSIP-ESMP/C-ESMP of item No. 12	
6	Labour requirements and Labour Management Procedure as per MSIP-ESMP/C-ESMP of item No. 13	
7	Arrangements for Temporary Land Requirement as per MSIP-ESMP/C-ESMP of item No. 14	
8	Stripping, Stocking and Preservation of Topsoil as per MSIP-ESMP/C-ESMP of item No. 17	
9	Construction Camp Site Offices, Material Stack Yards, Hot Mix Plants, Batch Mix Plants for WMM and Concrete, Workforce Camps Locations - Selection, Design and Lay-out as per MSIP-ESMP/C-ESMP of item No. 18	
10	Earth / Rock excavation and Disposal of Muck/Construction Debris as per MSIP-ESMP/C-ESMP of item No.19	
11	Accessibility as per MSIP-ESMP/C-ESMP of item No. 20	
12	Planning for Traffic Diversions and Detours as per MSIP-ESMP/C-ESMP of item No. 21	
13	Earth from Borrow Areas for Construction as per MSIP-ESMP/C-ESMP of item No. 22	

Section 6IV, Bidding Forms (Financial Part)

Item No	Description of Item No as per (MSIP-ESMP/C-ESMP)	Penalty amount (in Rs)
14	Quarry Operations Crushers as per MSIP-ESMP/C-ESMP of item No. 23	
15	Transporting Construction Materials and Haul Road Management as per MSIP-ESMP/C-ESMP of item No.24	
16	Water requirement of project and sanitation facilities as per MSIP-ESMP/C-ESMP of item No. 25	
17	Vulnerability aspects at all Construction and Operation sites as per MSIP-ESMP/C-ESMP of item No. 26	
18	Occupational Safety, Health, First Aid Facilities and Documenting Safety at all Construction and Operation sites as per MSIP-ESMP/C-ESMP of item No. 27	
19	Floods, drainage including storm water management at Operational areas as per MSIP-ESMP/C-ESMP of item No. 28	
20	Water Pollution as per MSIP-ESMP/C-ESMP of item No. 29	
21	Air Pollution as per MSIP-ESMP/C-ESMP of item No. 30	
22	Emission from Construction Vehicles, Equipment and Machineries as per MSIP-ESMP/C-ESMP of item No. 31	
23	Noise Pollution: Noise from Vehicles, Plants and Equipment Construction of Noise barriers at selected sensitive Receptors (Schools and Hospitals) as per MSIP-ESMP/C-ESMP of item No. 32	
24	Waste Management as per MSIP-ESMP/C-ESMP of item No. 33	
25	Occupational Health and Safety of Labours as per MSIP-ESMP/C-ESMP of item No. 34	
26	Traffic and Safety as per MSIP-ESMP/C-ESMP of item No. 35	
27	Informatory Signs and Hoardings as per MSIP-ESMP/C-ESMP of item No. 36	
28	Risk from Electrical Equipment(s) as per MSIP-ESMP/C-ESMP of item No. 37	

Section 6IV, Bidding Forms (Financial Part)

Item No	Description of Item No as per (MSIP-ESMP/C-ESMP)	Penalty amount (in Rs)
29	Loss of land due to landslides resulting from hill cutting activities as per MSIP-ESMP/C-ESMP of item No. 54	
30	Cracks in structures or damage due to construction works e.g. hill cutting activities and/or movement of heavy construction machinery and or due to vibrations caused thereof as per MSIP-ESMP/C-ESMP of item No. 55	
31	Disruption in services due to shifting of utilities such as water supply, transformers, HT/LT lines, electric poles, telephone poles etc as per MSIP-ESMP/C-ESMP of item No. 56	
32	Disruption to access from houses and shops to roads as per MSIP-ESMP/C-ESMP of item No. 57	
33	Differential impacts on vulnerable and disadvantaged population as per MSIP-ESMP/C-ESMP of item No. 58	
34	Dust emissions during construction leading to impacts on crops and trees as per MSIP-ESMP/C-ESMP of item No. 59	
35	Likelihood of increased accidents due to road widening (including at sensitive receptor locations such as schools, hospitals) as per MSIP-ESMP/C-ESMP of item No. 60	
36	Possibility of GBV (gender-based violence) arising due to influx of migrant labor/construction workers as per MSIP-ESMP/C-ESMP of item No. 61	
37	Likelihood of spread of HIV/AIDS among construction workers and roadside community as per MSIP-ESMP/C-ESMP of item No. 62	
38	Bio-diversity Management as per MSIP-ESMP/C-ESMP of item No. 41	
39	Environmental Monitoring as per MSIP-ESMP/C-ESMP of item No. 44	
41	Continuous Community Participation as per MSIP-ESMP/C-ESMP of item No. 45	
42	Clean-up Operations, Restoration and Rehabilitation as per MSIP-ESMP/C-ESMP of item No.46	
43	Specific enhancement measures as per MSIP-ESMP/C-ESMP of item No. 47	
44	Monitoring Operation Performance During Defect Liability Period and subsequently by O & M Contractor as per MSIP-ESMP/C-ESMP of item No. 48	

Item No	Description of Item No as per (MSIP-ESMP/C-ESMP)	Penalty amount (in Rs)
45	Maintenance of Drainage as per MSIP-ESMP/C-ESMP of item No. 49	
46	Environmental Monitoring as per MSIP-ESMP/C-ESMP of item No. 50	
47	Soil Erosion and Monitoring of Borrow Areas as per MSIP-ESMP/C-ESMP of item No. 51	
48	Changes in Land Use Pattern as per MSIP-ESMP/C-ESMP of item No. 52	
49	Public awareness on Noise levels and Health Affects as per MSIP-ESMP/C-ESMP of item No. 53	

Note:-Procedure for Imposing Penalty and repeated Compliances-

- Penalty amount (in Rs) for non-compliances by the contractor for the above items shall be decided jointly by the Employer's representative, Project Manager and the Contractor, prior to Contractor Signature Date and the non-compliance penalty schedule shall be part of Contract document.
- Procedure for dealing for repeated non-compliances by the contractor for the above items shall be decided jointly by the Employer's representative, Project Manager and Contractor, prior to Contractor Signature Date and the non-compliance penalty schedule shall be part of Contract document.