

Minutes of meeting for opening of financial bids for the work "Consultancy Services for preparation of Detailed Project Report for Construction of 2-lane Tunnel between Sonprayag NH-107 and Kalimath (SH-96) including approach road up to Churni Bend on NH-107A Total length 23 km including 7 km of Tunnel in the State of Uttarakhand." on 20.06.2024 at 12:00 noon at CE-RO, Office, Dehradun.

The Technical bids for the subject work were opened by the Tender Evaluation Committee on 13.12.2023 at 03:00 PM at O/o CE-RO, Dehradun. Technical bids received were evaluated as per evaluation criteria stipulated in the RFP documents. In the meeting dated 18.06.2024 (Annexure-A) found the 01 Bidders technically responsive and the technical score was uploaded on eProcurement portal.

Sl. No.	Name of bidder	Stage-II Technical Score (Out of 100)	Results
1.	M/s. Lion Engineering Consultants Private Limited in JV with Marsway Engineering Consultancy and Construction Services Private Limited.	94.80	Responsive

2. Committee deliberated as per following:

i. The subject work of consultancy services for the stretch Sonprayag-Kalimath-Churni bend is included in Annual Plan 2024-25. An Index map of the stretch which is not a part of NH is enclosed as (Annexure-B).

ii. The said stretch of 23 km length provides an alternate connectivity to Sonprayag-Kedarnath route over and above the already available connectivity through Rudraprayag-Sonprayag section of NH-107. The existing connectivity passes through narrow and deep valley and is susceptible to cloud burst, natural calamities like- landslide, flash flood etc. In view of above, it is felt by the committee that the development of subject stretch will be of immense utility in case of calamities if any.

iii. At the first call of tender (MIT 29/08/2023), one bidder participated & therefore tender was cancelled.

iv. At the second call of tender (MIT 23/10/2023), one bidder participated. Committee took note of participation of one bidder only, at second call of tender & usefulness of stretch at the time of calamity & disaster. Considering the above, committee decided to open financial bids of one technically responsive bidder.

v. Vide letter dated 29.01.2024 executing agencies of MoRTH were requested to submit information regarding whether any bidder individually and/or jointly debarred/blacklisted/declared non-performer or any adverse action taken as regard to participate/bidding. In this regard no response has been received from any of the executing agencies to State PWD or in the office of CE-RO.

3. Meeting for opening of financial bid was scheduled vide OM dated 19.06.2024 (Annexure-C). Online Financial Bids (Annexure-D) of technically responsive bidder was opened by the Evaluation Committee on 20.06.2024 as scheduled and results are as under:

Sl. No.	Name of bidder	Amount (Rs.) (Excluding GST)
1	M/s. Lion Engineering Consultants Private Limited in JV with Marsway Engineering Consultancy and Construction Services Private Limited.	3,58,85,114.00

[Handwritten signatures and dates]

The combined score of Technical and Financial proposals were worked out as per Para 5.3, 5.4, 5.5 of Lot of RFP and 12.4 of Data Sheet considering 80% weightage to technical score and 20% weightage to financial Score and the combined score are as under:

Sl. No.	Name of bidder	Technical Score (ST)	Amount of Financial Bid (Excl. GST) (Rs)	Financial Score (SF)	Combined Score (S) = $ST \times 0.80 + SF \times 0.20$	Remarks
1	M/s. Lion Engineering Consultants Private Limited in JV with Marsway Engineering and Construction Services Private Limited.	94.80	3,58,85,114.00	100	95.84	H-1

5. Reasonableness of Tender:

The cost comparison of DPR preparation of tunnel is carried out in respect of following awarded tunnel contracts in the State of Uttarakhand.

- "DPR for Construction of Highway Tunnel including approaches across Ojree (Dabarkot) Design Chainage Km 77.025 to Km 78.550 on Dharasu to Yamunotri road of NH134(Old No 94) region of the state of Uttarakhand. Length of the tunnel: 1.5km."
 - Bid due date: 15.07.2020
 - Agency: State PWD.
 - Awarded Cost: ₹ 116.25 lakhs
 - Cost of DPR/km length of tunnel: ₹77 lakhs/km
- "Project Management consultancy services for construction of 2 Lane Highway Tunnel including Approaches to -Bypass Pauri Town on NH-534 in the State of Uttarakhand. Length of tunnel: 4.5 km."
 - Bid due date: 08.09.2022
 - Agency: State PWD.
 - Cost of DPR preparation for tunnel is taken 20% (Para 6.3(b) of General Condition of Contract of PMC) of the total PMC cost excluding taxes.
 - Total PMC cost excluding taxes = ₹ 2184 lakhs
 - Cost of DPR = 20% of 2184 lakhs = ₹ 436.8 lakhs
 - Cost of DPR of tunnel/km: ₹ 97 lakhs/km
- "Project Management Consultancy for construction of highway tunnel including approaches to bypass Chiyalik zigs between km 19.17 and 37.60 on Ghatiabagarh-Lipulekh road in Uttarakhand State. Length of tunnel: 6.6 km."
 - Bid due date: 14.06.2022
 - Agency: BRO (P) Hirak.
 - Cost of DPR preparation for tunnel is taken 20% (Para 6.3(b) of General Condition of Contract of PMC) of the total PMC cost excluding taxes.
 - Total PMC cost excluding taxes = ₹ 2113 lakhs
 - Cost of DPR = 20% of 2113 lakhs = ₹ 422.8 lakhs
 - Cost of DPR of tunnel/km: ₹ 64 lakhs/km

M. G. Sharma

20/06/2022

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- iv. "Project Management Consultancy Services for Construction of 2 Lane bypass at the Lohaghat Hills in market area Start of bypass Km 136.325 of NH09 End of bypass km 142 of NH09 and at Pithoragarh Hills in Market area Start of bypass Km 197 of NH09 End in the State of Uttarakhand. Total Length = 19.5 km, length of the tunnel = 3.65 km, length of the road : 15.85 km.

- Bid due date: 17.11.2023
- Agency: State PWD.
- Cost of DPR preparation for tunnel is taken 20% (Para 6.3(b) of General Condition of Contract of PMC) of the total PMC cost excluding taxes.
- Total PMC cost excluding taxes = ₹ 2407 lakhs
- Cost of DPR = 20% of 2407 lakhs = ₹ 481.4 lakhs
- Cost of tunnel DPR is worked out by deducting cost of road DPR.
- Cost of Road (15.85 km) DPR = $15.85 \times 3.25 = ₹ 51.51$ lakhs (Based on Normative Cost for 2L/2L+PS in hilly region i.e ₹ 3.25 lakhs/km).
- Cost of tunnel (3.65 km) DPR = $481.4 - 51.51 = ₹ 429.89$ lakhs.
- Cost of DPR of tunnel/km: ₹ 117.8 lakhs/km

5.1 From the above, para (5) it has been observed that the cost per km length for preparation of DPR of tunnel is 77 lakhs/km (Ojree Tunnel), 97 lakhs/km (Pauri Tunnel), 64 lakhs/km (Chiyalik Tunnel), 117.8 lakhs/km (Lohaghat Tunnel).

5.2 In the instant case, the quoted price is ₹ 358.85 lakhs. The DPR is for total length of 23km, i.e length of road = 16km, length of the tunnel = 7 km.

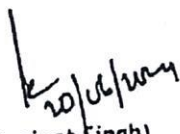
- Cost of tunnel DPR is worked out by deducting cost of road DPR.
- Cost of Road (16 km) DPR = $16 \times 3.25 = ₹ 52$ lakhs (Based on Normative Cost for 2L/2L+PS in hilly region i.e ₹ 3.25 lakhs/km).
- Cost of tunnel (7km) DPR = $358.85 - 52 = ₹ 306.85$ lakhs.
- Cost of DPR of tunnel/km: ₹ 43.84 lakhs/km

Therefore, cost per km for preparation of tunnel DPR in the instant case is ₹ 43.84 lakhs/km which is less than those (₹ 77 lakhs/km, ₹ 97 lakhs/km, ₹ 64 lakhs/km, ₹ 117.8 lakhs/km) awarded tunnel DPR/PMC work in the State of Uttarakhand and para 5 & 5.1 may be referred.

6. The Committee found that M/s. Lion Engineering Consultants Private Limited in JV with Marsway Engineering Consultancy and Construction Services Private Limited. is the H-1 bidder with combined score of 95.84. Accordingly, the Committee recommended to declare M/s. Lion Engineering Consultants Private Limited in JV with Marsway Engineering Consultancy and Construction Services Private Limited, as most preferred bidders (H-1) as per clause 5.5 of Lot of RFP and to award the work to H-1 bidder at their quoted amount of ₹ 3,58,85,114.00 (Rupees Three Crore Fifty Eight Lakhs Eighty Five Thousands One Hundred Fourteen only) [Excluding GST]], subject to fulfilment of all other conditions of RFP.

The meeting ended with vote of thanks to the Chair.


(Shri Nirbhya Singh)
Executive Engineer, NH
Division, PWD,
Rudraprayag
(Member Secretary)


(Shri Ranjeet Singh)
Superintending Engineer,
(NH), PWD, Dehradun
(Member)


(Shri Dayanand)
Chief Engineer (NH),
PWD, Uttarakhand
(Member)


(Shri D.K.Sharma)
Chief Engineer-Regional
Officer,
MoRTH, Dehradun
(Chairman)

Signature Not Verified

Digitally signed by ISHANT GEHI
Date: 2024.12.12 16:22:06 IST
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