



SCHEDULE OF RATES (SOR)

INSTALLATION OF 3LPE COATED STEEL PIPELINE BY HDD METHOD ACROSS PANCHGANAGA RIVER & VARIOUS CROSSING IN KOLHAPUR CITY



Tender No.: HOGPL/WC/2021/01

PART-A (INSTALLATION OF STEEL PIPELINE FOR PANCHGANGA RIVER)

Name of Bidder:

SOR Item No.	Description of Items	UOM	Quantity	Unit Rate (inclusive of all taxes and duties except GST) (in INR)	Total Cost (inclusive of all taxes and duties except GST) (in INR)
(1)	(2)		(3)	(4)	(5) = 4 X 3
PL001.00	RIVER/ WATERBODY CROSSING (BY HDD METHOD) IN ALL KIND OF SOIL STRATA INCLUDING HARD ROCK SUCH AS LATERITE. (WITHOUT CASING)				
	Complete work for Installation of carrier pipeline of size 12" NB, 6.4 mm wall thk, API 5L Gr. X 60 across Pancha Ganga River crossing by HDD method (between the limits as defined in drawing - detailed construction drawings shall be prepared by the contractor duly approved by HOGPL/VCS including design, detail engineering as per specification, approved procedures & applicable approved drawings. The job includes execution of the complete crossing and associated works, but not limit to following works in accordance with specifications, scope of work and instruction of Owner and as per provision of Contract document.				
	Mobilization & demobilization as per contractor's scope of supply of all materials and consumables to work site's, HDD machine & other associated equipment, manpower and other resources including handling, loading, unloading, aligning, etc. Acquiring the required land by Contractor for storage, fabrication, site preparation and their access for execution of the works.				
	Interpretation of data of hydrological / geo-technical surveys furnished by the bidder if required, carrying out fresh topographic survey of the river bed & developing new bed profile drawing for the crossing location, carrying out additional surveys required for collecting data relevant to design and construction of the crossing, performing all engineering & design calculations, preparation of all necessary construction drawings for approval of the Owner as per the provisions of contract document, preparation of detailed construction method statement and design analysis. Based on the these surveys contractor shall prepare and submit design calculation and all construction (profile) drawings, survey data for HOGPL/VCS approval. Work shall start only after approval of the above. However in any case HOGPL/VCS shall not be held responsible for the change of strata if found to be variable during execution.				
	Drilling to the required depth on the banks and bed including maintenance of drill hole in all types of strata including soft & hard rock, all depth to accommodate the pipeline at all conditions of the river crossings by HDD method.				
	Installation of the proposed pipeline below the crossing bed by HDD method to the correct profile as per approved drawings.				
	Required arrangement for HDD crossing of mainline carrier pipe and pulled through the same drill hole.				
	Backfilling of the ditch / trench including restoration, clean-up of area, disposal of drilling fluid (Bentonite)& waste, etc. to the satisfaction of Owner / Concerned Authority and getting NOC from concerned authority.				
	Preparation and submission of as built drawings & other drawings, etc. duly approved by Owner.				
PL001.01	Panch Ganga River Crossing along with adjacent road/asphalted road/ drain/ nala etc, if any at Kolhapur district for carrier pipeline of size 12" NB x 6.4 mm thk. of API 5L Grade X-60	Mtrs	450.00		-
	Note:- (1) Crossing length indicated here is tentative & may vary as per site condition. Bidders are advised to visit the site for actual assessment of extent of crossing and to assess the extent of cover which may have to be provided. Actual string length for HDD shall be as per design calculations so that pipe is not under stress as permitted by codes/ specifications. Final length of string shall be decided after decision of minimum cover requirement by concerned Authority/ Engineer-in-charge. (ii) Technical investigation and surveys if deemed necessary shall be carried out by the Contractor and the contractor shall submit design calculation and all construction (profile) drawings, survey data for HOGPL/VCS approval. Work shall start only after approval of the above. (iii) Contractor shall not be entitled for any extra payment due to location / area constraint, capacity of rig, etc. elsewhere in the SOR for completion of work. (iv) Payment for above line items no. PL001.00 shall be made only for the approved profile string length laid by HDD inline with proposed alignment route. (v) Failure of activities i.e., Pulling etc., shall be responsibility of Contractor and no payment shall be payable to contractor. Loss of free issue material occurred due to failure shall be treated in-line with the provision of reconciliation of free issue material. (vi) It will be advisable to visit the crossing location for fixation of HDD rig and location for string preparation before quoting. No extra/additional payment on account any criticality faced shall be entitled by the contractor & for site visit. (vii) Laying of pipeline and hook up with existing pipeline / facility is not in contractor's scope. (viii) Contractor shall be paid based on distance between entry and exit points of crossing.				
PL002.00	LIASONING AND WORK PERMIT FOR RIVER CROSSING				
PL002.01	Liasoning and work permit for river crossing as well as utility crossings (if any) encountered during river crossing prior to start the execution work from respective concerned authority. Authority Permission letter will be provided by HOGPL. Liasoning and co-ordination and communication with involved authorities like NH, irrigation, PWD, social/ protected forest, Traffic police, Local authorities, Societies etc during construction and testing activities and obtaining NOC after completion of work shall be in contractor's scope.	LS	1.00		-
TOTAL COST					-
GST @ 18%					-
TOTAL COST (INCLUDING GST)					-

Note:

- Bidder to quote full quantities of quotes parts. Bidder quoted with part quantities of quotes part shall be liable for rejection.
- Quoted price shall be inclusive of all taxes and duties except GST.
- Bidder shall quote prices in given format of Schedule of Rates and shall not modify the format in any form.
- Bidder to clearly indicate 'Quoted' against each Sr. No. in the price column in the un-priced Schedule of Rates and submit the same in the un-priced part of the bid.
- Bidder to fill entries in "Blue" highlighted cell/box only.

Authorized signatory of Bidder:

Place:

Seal of Bidder:

Date:



SCHEDULE OF RATES (SOR)

INSTALLATION OF 3LPE COATED STEEL PIPELINE BY HDD METHOD ACROSS PANCHGANAGA RIVER & VARIOUS CROSSING IN KOLHAPUR CITY



Tender No.: HOGPL/WC/2021/01

PART-B (INSTALLATION OF STEEL PIPELINE FOR OTHER VARIOUS CROSSINGS)

Name of Bidder:

SOR Item No.	Description of Items	UOM	Quantity	Unit Rate (inclusive of all taxes and duties except GST) (in INR)	Total Cost (inclusive of all taxes and duties except GST) (in INR)
(1)	(2)		(3)	(4)	(5) = 4 X 3
PL001.00	INSTALLATION OF CARRIER PIPE BY HORIZONTAL DRILLING METHOD (HDD) IN ALL KIND OF SOIL INCLUDING WEATHERED ROCK & HARD ROCK				
	Complete work for Installation of carrier pipeline of size 12", 8" 6" 4" NB, 6.4 mm wall thk, API 5L Gr. X-60 at various crossing by HDD method (between the limits as defined in drawing) - detailed construction drawings shall be prepared by the contractor duly approved by HOGPL/VCS including HDD profile, design, detail engineering as per specification, approved procedures & applicable approved drawings. The job includes execution of the complete crossing and associated works, but not limit to following works in accordance with specifications, scope of work and instruction of Owner and as per provision of Contract document.				
	Mobilization & demobilization along with contractor's scope of supply materials and consumables to work site's, HDD machine & other associated equipment, manpower and other resources including handling, loading, unloading, aligning, etc. Acquiring the required land by Contractor for storage, fabrication, site preparation and their access for execution of the works.				
	Interpretation of data of hydrological / geo-technical surveys furnished by the bidder if required, carrying out fresh topographic survey of the river bed & developing new bed profile drawing for the crossing location, carrying out additional surveys required for collecting data relevant to design and construction of the crossing, performing all engineering & design calculations, preparation of all necessary construction drawings for approval of the Owner as per the provisions of contract document, preparation of detailed construction method statement and design analysis. Based on the these surveys contractor shall prepare and submit design calculation and all construction (profile) drawings, survey data for HOGPL/VCS approval. Work shall start only after approval of the above. However in any case HOGPL/VCS shall not be held responsible for the change of strata if found to be variable during execution.				
	Drilling to the required depth on the entry & exit pits including maintenance of drill hole in all types of strata including soft & hard rock, all depth to accommodate the pipeline at all conditions of the crossings by HDD method.				
	Installation of the proposed pipeline below the crossing bed by HDD method to the correct profile as per approved drawings.				
	Required arrangement for HDD crossing of mainline carrier pipe and pulled through the same drill hole.				
	Backfilling of the ditch / trench including restoration, clean-up of area, disposal of drilling fluid (Bentonite), excavated materials (rock if any) & waste, etc. to the satisfaction of HOHPL / Concerned Authority and getting NOC from concerned authority.				
	Preparation and submission of as built drawings & other drawings, etc. duly approved by Owner.				
	Liasoning during laying work shall be in scope of contractor. No extra payment shall be made else where.				
PL001.01	Laying of 8" x 6.4 mm thik - API 5L Gr. B PSL-2	Mtrs	1,126.00		-
PL001.02	Laying of 6" x 6.4 mm thik - API 5L Gr. B PSL 2	Mtrs	1,363.00		-
PL001.03	Laying of 4" x 6.4 mm thik - API 5L Gr. B PSL 2	Mtrs	100.00		-
PL001.04	Laying PE pipe of 125 mm Dia in common trench	Mtrs	598.00		-
	Note: 1. Laying of CS pipeline shall be paid separately under relevant SOR item. 2. Contractor to quote only for laying of 125 mm PE pipe under SOR item item PL001.04.				
TOTAL COST					-
GST @ 18%					-
TOTAL COST (INCLUDING GST)					-
Note:					
1. Bidder to quote full quantities of quotes parts. Bidder quoted with part quantities of quotes part shall be liable for rejection.					
2. Quoted price shall be inclusive of all taxes and duties except GST.					
3. Bidder shall quote prices in given format of Schedule of Rates and shall not modify the format in any form.					
4. Bidder to clearly indicate 'Quoted' against each Sr. No. in the price column in the un-priced Schedule of Rates and submit the same in the un-priced part of the bid.					
Authorized signatory of Bidder:			Place:		
Seal of Bidder:			Date:		