CORRIGENDUM-1

IFB NO. CDI7146P22

This Corrigendum No. 1 dated 10.06.2021 to IFB No. CDI7146P22 for "Hiring of Services for Carrying out Miscellaneous Piping Jobs for Fire Protection Systems & New Projects" is issued to notify the following:

Description against Line **Item No. 90** in **SOQ** & **Price Bidding Format** was incorporated, incorrectly.

Therefore, to correct the same revised "**SOQ** & **Price Bidding Format"** has been enclosed as **ANNEXURE-A & ANNEXURE-B** respectively.

'Revised **SOQ** & **Price Bid Format**' are uploaded under '**Technical Attachments** & **Notes and Attachments'** Tab respectively in OIL's e-Procurement Portal. All bidders are requested to quote as per the '**Revised Price Bid Format'.**

All others terms and conditions of the Bid Document remain unchanged. Details can be viewed at www.oil-india.com.

ALPHONSE DAIMARI
Digitally signed by ALPHONSE DAIMARI
Date: 2021.06.10 09:29:32 +05'30'

SR. OFFICER – CONTRACTS(S)

PART-II

SCHEDULE OF WORK, UNIT AND QUANTITY (SOQ)

Item No.	Description of Services	UOM	Quantity
10	**Transportation of pipes of various sizes:** Transportation of pipes of various sizes to the locations including loading and unloading without causing any damage to the pipes. The weights of the pipes are: 300 mm dia: 65.35 kg/ m 250 mm dia: 51.03 kg/m 200 mm dia: 36.61 kg/m 150 mm dia: 28.22 kg/m 100 mm dia: 18.63 kg/m The lengths of the pipes to be transported are as follows: 300 mm dia: 120 M 250 mm dia: 240 M 200 mm dia: 9000 M 150 mm dia: 9000 M 100 mm dia: 6000 M The average distance to be moved is 70 Km	Ton-Kilometre	50,073.74
20	**Manual Transportation of 300 mm NB pipes**: Manual Transportation of 300 mm NB pipes, fittings, valves etc. by manual labour from dumps , stringing them along the route of the pipe line and Swabbing inside, cleaning of 300 mm NB pipes and making them ready for welding, including the valves and fittings.	Meter	120.00
30	**Manual Transportation of 250 mm NB pipes:** Transportation of 250 mm NB pipes, fittings, valves etc. by manual labour from dumps , stringing them along the route of the pipe line and Swabbing inside, cleaning of 250 mm NB pipes and making them ready for welding, including the valves and fittings.	Meter	240.00
40	**Manual Transportation of 200 mm NB pipes**: Transportation of 200 mm NB pipes, fittings, valves etc. by manual labour from dumps , stringing them along the route of the pipe line and Swabbing inside, cleaning of 200 mm NB pipes and making them ready for welding, including the valves and fittings.	Meter	9,000.00
50	**Manual Transportation of 150 mm NB pipes:** Transportation of 150 mm NB pipes, fittings, valves etc. by manual labour from dumps , stringing them along the route of the pipe line and Swabbing inside, cleaning of 150 mm NB pipes and making them ready for welding, including the valves and fittings.	Meter	9,000.00
60	**Manual Transportation of 100 mm NB pipes:** Transportation of 100 mm NB pipes(screwed or bevel ended), fittings, valves etc. by manual labour from dumps , stringing them along the route of the pipe line and Swabbing inside, cleaning of 100 mm NB pipes and making them ready for welding/screwing, including the valves and fittings.	Meter	6,000.00
70	**Welding of 300 mm NB pipes & Fittings:** Welding of 300 mm NB pipes including bends, flanges and tees using three runs of welding. The welding shall generally conform to API Std. 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016 .Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Joint	100.00
80	**Welding of 250 mm NB pipes & Fittings:** Welding of 250 mm NB pipes including bends, flanges and tees using three runs of welding. The welding shall generally conform to API Std. 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016 .Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Joint	200.00
90	**Welding of 200 mm NB pipes & Fittings:** Welding of 200 mm NB pipes including bends, flanges and tees using three runs of welding. The welding shall generally conform to API Std. 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016 .Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines / equipment / manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Joint	3,000.00
100	**Welding of 150 mm NB pipes & Fittings:** Welding of 150 mm NB pipes including bends, flanges and tees using three runs of welding. The welding shall generally conform to API Std. 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016 .Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Joint	3,000.00
110	**Welding of 100 mm NB pipes & Fittings:** Welding of 100 mm NB pipes including bends, flanges and tees using three runs of welding. The welding shall generally conform to API Std. 1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016 .Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Joint	3,000.00
120	**Screwing of 100 mm NB pipes:** Screwing of already strung 100 mm NB pipes including fittings such as flanges, tees, elbows, bends etc. into a continuous length. Before screwing threads of pipes and couplings must be thoroughly cleaned.	Meter	2,000.00

PART-II

SCHEDULE OF WORK, UNIT AND QUANTITY (SOQ)

Item No.	Description of Services	UOM	Quantity
130	**Bolting up of 200 mm NB pipes :** Bolting up of already strung flanged ends of 200 mm NB pipes (to which flanges have already been welded) with proper gaskets including fittings such as flanges, tees, elbows, bends etc. into a continuous length.	Joint	650.00
140	**Bolting up of 150 mm NB pipes :** Bolting up of already strung flanged ends of 150 mm NB pipes (to which flanges have already been welded) with proper gaskets including fittings such as flanges, tees, elbows, bends etc. into a continuous length.	Joint	650.00
150	**Bolting up of 100 mm NB pipes** : Bolting up of already strung flanged ends of 100 mm NB pipes (to which flanges have already been welded) with proper gaskets including fittings such as flanges, tees, elbows, bends etc. into a continuous length.	Joint	300.00
160	**Fabrication and installation of pipe trestles:**Fabrication and installation of pipe trestles approximately 03(three) feet wide with clamping arrangement to accommodate the 200 mm NB / 150 mm NB/100 mm NB pipe line. The trestles will have to be fabricated out of 100 mm NB pipes and shall have to be firmly grouted on to the ground with concrete pipe supports [1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) mixture, hand mixed] , including supply of all materials for the grouting purpose. The 100 mm NB pipes required for fabrication of pipe trestles shall be supplied by OIL. NB: The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job."	Number	1,000.00
170	**Construction of concrete pipe supports :** Construction of concrete pipe supports [1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) mixture, hand mixed] with clamping arrangement to accommodate the 200 mm NB / 150 mm NB/100 mm NB pipe line, including supply of all masonry materials for the above. Only pipes required for the job shall be supplied by OIL. The job clamping of the 200 mm NB / 150 mm NB/100 mm NB pipe lines on the above supports. The supports will have to be constructed as per DRG No: FE/PROJ/B'PARA/004.0"	Number	1,000.00
180	**Fabrication of 200 mm NB miter bends :** Fabrication of 200 mm NB miter bends with smooth curvature having at least 05(five) cuts. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	500.00
190	**Fabrication of 150 mm NB miter bends :** Fabrication of 150 mm NB miter bends with smooth curvature having at least 05(five) cuts. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	500.00
200	**Fabrication of 100 mm NB miter bends :** Fabrication of 100 mm NB miter bends with smooth curvature having at least 05(five) cuts. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	250.00
210	**Fabrication of 200 mm NB 'S'- bends :** Fabrication of 200 mm NB 'S'- bends with smooth curvature having at least 10 (ten) cuts to suit the contour of the pipeline. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	250.00
220	**Fabrication of 150 mm NB 'S'- bends :** Fabrication of 150 mm NB 'S'- bends with smooth curvature having at least 10 (ten) cuts to suit the contour of the pipeline. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	250.00
230	**Fabrication of 100 mm NB 'S'- bends** : Fabrication of 100 mm NB 'S'- bends with smooth curvature having at least 10 (ten) cuts to suit the contour of the pipeline. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	180.00

PART-II

SCHEDULE OF WORK, UNIT AND QUANTITY (SOQ)

Item No.	Description of Services	UOM	Quantity
240	**Excavation of open trench :**Excavation of approx. 1.0 M deep open trench having approx. 0.7 M at the top and 0.5 M at the bottom or as advised by OIL's Representative. The bottom and sides of the trench should be smoothly finished to accommodate the welded pipeline (s) without any stress or strain.	Cubic Meter	1,500.00
250	**Crossing of graveled/asphalted roads**: Crossing of roads by open trenching through a casing pipe. The job involves cutting across graveled/asphalted road to a depth of 1.6m and road crossing to be done by laying the pipeline through a casing pipe in the trench so dug. The casing pipe will be supplied by OIL. The trench shall be back filled and rammed properly by gravel stones etc.	Meter	1,000.00
260	**Lowering of 200 MM NB pipes:** Lowering of 200 MM NB pipe line to the bottom of previously prepared trench without causing damage to the pipe. The bottom and sides of the trench should be smoothly finished to accommodate the welded pipeline (s) without any stress or strain. The trench shall be inspected by company's representative before lowering the pipe. The contractor must arrange water pump to drain out water from the trench before lowering the pipe. After lowering the pipe the trench shall be backfilled with previously dug out earth including ramming without watering.	Meter	900.00
270	**Lowering of 150 MM NB pipes:** Lowering of 150 MM NB pipe line to the bottom of previously prepared trench without causing damage to the pipe. The bottom and sides of the trench should be smoothly finished to accommodate the welded pipeline (s) without any stress or strain. The trench shall be inspected by company's representative before lowering the pipe. The contractor must arrange water pump to drain out water from the trench before lowering the pipe. After lowering the pipe the trench shall be backfilled with previously dug out earth including ramming without watering.	Meter	900.00
280	**Lowering of 100 MM NB pipes:** Lowering of 100 MM NB pipe line to the bottom of previously prepared trench without causing damage to the pipe. The bottom and sides of the trench should be smoothly finished to accommodate the welded pipeline (s) without any stress or strain. The trench shall be inspected by company's representative before lowering the pipe. The contractor must arrange water pump to drain out water from the trench before lowering the pipe. After lowering the pipe the trench shall be backfilled with previously dug out earth including ramming without watering.	Meter	600.00
290	**Taking out of 250 mm NB Tee-points** : Taking out of 250 mm NB Tee-points from 250 mm NB pipes including fabrication / welding of saddles, stiffener, guide bars etc.	Number	20.00
300	**Taking out of 200 mm NB Tee-points** : Taking out of 200 mm NB Tee-points from 250 mm NB/ 200 mm NB pipes including fabrication / welding of saddles, stiffener, guide bars etc.	Number	80.00
310	**Taking out of 150 mm NB Tee-points** : Taking out of 150 mm NB Tee-points from 250 mm NB/ 200 mm NB/ 150 mm NB pipes including fabrication / welding of saddles, stiffener, guide bars etc.	Number	180.00
320	**Taking out of 100 mm NB Tee-points** : Taking out of 100 mm NB Tee-points from 250 mm NB/ 200 mm NB/ 150 mm NB/ 100 mm NB pipes including fabrication / welding of saddles, stiffener, guide bars etc.	Number	350.00
330	**Installation of 300 mm NB flanged end valves/ NRVs/Strainers** : Installation of 300 mm NB flanged end valves/ NRVs/Strainers including transportation of the same from OIL's yard / Godown to the work site without causing any damage to the item (s). The job includes welding of two nos. of companion flanges by proper alignment avoiding any stress either on the valve or on the line and final bolting up of the valves in proper way with the companion flanges with proper gasket. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	10.00
340	**Installation of 250 mm NB flanged end valves/ NRVs/Strainers** : Installation of 250 mm NB flanged end valves/ NRVs/Strainers including transportation of the same from OIL's yard / Godown to the work site without causing any damage to the item (s). The job includes welding of two nos. of companion flanges by proper alignment avoiding any stress either on the valve or on the line and final bolting up of the valves in proper way with the companion flanges with proper gasket. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	10.00

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SCHEDULE OF WORK, UNIT AND QUANTITY (SOQ)

Item No.	Description of Services	UOM	Quantity
350	**Installation of 200 mm NB flanged end valves/ NRVs/Strainers** : Installation of 200 mm NB flanged end valves/ NRVs/Strainers including transportation of the same from OIL's yard / Godown to the work site without causing any damage to the item (s). The job includes welding of two nos. of companion flanges by proper alignment avoiding any stress either on the valve or on the line and final bolting up of the valves in proper way with the companion flanges with proper gasket. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	90.00
360	**Installation of 150 mm NB flanged end valves/ NRVs/Strainers** : Installation of 150 mm NB flanged end valves/ NRVs/Strainers including transportation of the same from OIL's yard / Godown to the work site without causing any damage to the item (s). The job includes welding of two nos. of companion flanges by proper alignment avoiding any stress either on the valve or on the line and final bolting up of the valves in proper way with the companion flanges with proper gasket. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	90.00
370	**Installation of 100 mm NB flanged end valves/ NRVs/Strainers** : Installation of 100 mm NB flanged end valves/ NRVs/Strainers including transportation of the same from OIL's yard / Godown to the work site without causing any damage to the item (s). The job includes welding of two nos. of companion flanges by proper alignment avoiding any stress either on the valve or on the line and final bolting up of the valves in proper way with the companion flanges with proper gasket. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	400.00
380	I**nstallation of monitors** : Installation of monitors on 200 mm/150 mm/100 mm NB pipes including transportation of the same from OIL's yard / Godown / OIL's Fire Service station to the work site without causing any damage to the item (s). The job involves taking out of 100 mm NB point from 200 mm/150 mm/100 NB main fire water line and then installation of a 100 mm valve and the Monitor assembly as advised by OIL's representative. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	180.00
390	**Installation of TPC/ Hydrant Points** : Installation of TPC/ Hydrant Points on 200 mm/150 mm/ 100 mm NB pipe including transportation of the same from OIL's yard / Godown / OIL's Fire Service station to the work site without causing any damage to the item (s). The job involves taking out of 100 mm NB point from 200 mm/150 mm/100 NB main fire water line and then installation of a 100 mm valve and the Monitor assembly as advised by OIL's representative. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Number	100.00
400	**Replacement of Drenching water spray rings of 10668 MM dia crude oil storage tanks:** The job involves: I. Erection of a scaffolding around the crude oil tank, suitable for dismantling of the damaged Drenching water spray rings. All materials required for erection of the scaffolding including all tools and tackles and manpower to be supplied by the contractor. II. Dismantling of damaged Drenching water spray rings. III. Fabrication of 12294 mm dia. drenching water spray rings from 50 mm (2") NB dia. pipes, which is to be perforated and fitted with ¼ " NB couplings (if required) at equal spaces as shown in the attached DRG No: FE/PROJ/B'PARA/003.0. The 12294 mm dia rings will have to be fabricated in 10 (ten) equal parts complete with 50 mm (2") NB mating flanges for bolting up the parts as one complete ring. 50 mm (2") NB pipes, fitting and all related materials required for the job shall be supplied by OIL. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job. IV. Installation / Placement of the drenching water spray ring fabricated vide item no 40. III. above; to the water spray ring supports on the shell of the tank and to make one complete ring by bolting up with suitable gaskets etc. V. Hooking up of the newly installed drenching water spray ring(s) to he existing 100 mm NB drenching water riser lines. VI. Hydraulic testing of the newly installed drenching water spray ring(s) at a minimum pressure of 10.5 kg/sq. cm of pressure. The contractor shall engage sufficient number of competent personnel over the entire ring to keep total vigilance during the test. In case of failure, the contractor shall locate it and report it to the OIL's representative at site. Any failure so detected will have to be rectified by the contractor and the whole ring will have to be retested hydraulically. OIL shall provide necessary infrastructure for the hydraulic testing. VII. Dismantling of the scaffolding erected vide item no: 40.I above after successful completion of the job and transportation of all the scaffolding material from site by the contractor.	Job	90.00

PART-II

SCHEDULE OF WORK, UNIT AND QUANTITY (SOQ)

Item No.	Description of Services	UOM	Quantity
410	**Replacement of Drenching water spray rings of 6550 MM dia crude oil storage tanks:** The job involves: I. Erection of a scaffolding around the crude oil tank, suitable for dismantling of the damaged Drenching water spray rings. All materials required for erection of the scaffolding including all tools and tackles and manpower to be supplied by the contractor. II. Dismantling of damaged Drenching water spray rings. III. Fabrication of 8176 mm dia. drenching water spray rings from 50 mm (2") NB dia. pipes, which is to be perforated and fitted with ¼ " NB couplings (if required) at equal spaces as shown in the attached DRG No: FE/PROJ/B'PARA/003.0. The 8176 mm dia rings will have to be fabricated in 08 (eight) equal parts complete with 50 mm (2") NB mating flanges for bolting up the parts as one complete ring. 50 mm (2") NB pipes, fitting and all related materials required for the job shall be supplied by OIL. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job. IV. Installation / Placement of the drenching water spray ring fabricated vide item no 41. III. above; to the water spray ring supports on the shell of the tank and to make one complete ring by bolting up with suitable gaskets etc. V. Hooking up of the newly installed drenching water spray ring(s) to he existing 100 mm NB drenching water riser lines. VI. Hydraulic testing of the newly installed drenching water spray ring(s) at a minimum pressure of 10.5 kg/sq. cm of pressure. The contractor shall engage sufficient number of competent personnel over the entire ring to keep total vigilance during the test. In case of failure, the contractor shall locate it and report it to the OIL's representative at site. Any failure so detected will have to rectified by the contractor and the whole ring will have to be retested hydraulically. OIL shall provide necessary infrastructure for the hydraulic testing. VII. Dismantling of the scaffolding erected vide item no: 41.I above after successful completion of the job and transportation of all the scaffolding material from site by the contractor.	Job	60.00
420	**Repairing/ De-clogging of Drenching water spray rings of 10668 MM dia crude oil storage tanks**: The job involves: I. Erection of a scaffolding around the crude oil tank, suitable for dismantling of the damaged Drenching water spray rings. All materials required for erection of the scaffolding including all tools and tackles and manpower to be supplied by the contractor. II. Dismantling of Drenching water spray rings. III. Dismantling of all nozzles (if available) from Drenching water spray rings. IV. Inside swabbing and cleaning of the Drenching water spray rings. V. De-clogging of all the holes and nozzles (if available) of the Drenching water spray rings. VI. Replacement of damages nozzles. (if required) VII. Fabrication of part of Drenching water spray ring from 50 mm (2") NB dia. pipes, which is to be perforated and fitted with ¼ " NB couplings (if required) and replacement of the same as advised by OIL's representative. VIII. Reassembling of all nozzles (if available) to Drenching water spray rings. IX. Installation / Placement of the drenching water spray ring dismantled vide item no 42. II. above; to the water spray ring supports on the shell of the tank and to make one complete ring by bolting up with suitable gaskets etc. X. Hooking up of the newly installed drenching water spray ring(s) to he existing 100 mm NB drenching water riser lines. XI. Hydraulic testing of the newly installed drenching water spray ring(s) at a minimum pressure of 10.5 kg/sq. cm of pressure. The contractor shall engage sufficient number of competent personnel over the entire ring to keep total vigilance during the test. In case of failure, the contractor shall locate it and report it to the OIL's representative at site. Any failure so detected will have to rectified by the contractor and the whole ring will have to be retested hydraulically. OIL shall provide necessary infrastructure for the hydraulic testing. XII. Dismantling of the scaffolding erected vide item no: 42.I above after successful completion of the job and transportation of all the scaffolding material from site by the contractor.	Job	90.00

PART-II

SCHEDULE OF WORK, UNIT AND QUANTITY (SOQ)

Item No.	Description of Services	UOM	Quantity
430	**Repairing/ De-clogging of Drenching water spray rings of 6550 MM dia crude oil storage tanks**: The job involves: I. Erection of a scaffolding around the crude oil tank, suitable for dismantling of the damaged Drenching water spray rings. All materials required for erection of the scaffolding including all tools and tackles and manpower to be supplied by the contractor. II. Dismantling of Drenching water spray rings. III. Dismantling of all nozzles (if available) from Drenching water spray rings. IV. Inside swabbing and cleaning of the Drenching water spray rings. V. De-clogging of all the holes and nozzles (if available) of the Drenching water spray rings. VI. Replacement of damages nozzles. (if required) VII. Fabrication of part of Drenching water spray ring from 50 mm (2") NB dia. pipes, which is to be perforated and fitted with ¼ " NB couplings (if required) and replacement of the same as advised by OIL's representative. VIII. Reassembling of all nozzles (if available) to Drenching water spray rings. IX. Installation / Placement of the drenching water spray ring dismantled vide item no 43. II. above; to the water spray ring supports on the shell of the tank and to make one complete ring by bolting up with suitable gaskets etc. X. Hooking up of the newly installed drenching water spray ring(s) to he existing 100 mm NB drenching water riser lines. XI. Hydraulic testing of the newly installed drenching water spray ring(s) at a minimum pressure of 10.5 kg/sq. cm of pressure. The contractor shall engage sufficient number of competent personnel over the entire ring to keep total vigilance during the test. In case of failure, the contractor shall locate it and report it to the OIL's representative at site. Any failure so detected will have to rectified by the contractor and the whole ring will have to be retested hydraulically. OIL shall provide necessary infrastructure for the hydraulic testing. XII. Dismantling of the scaffolding erected vide item no: 43.I above after successful completion of the job and transportation of all the scaffolding material from site by the contractor.	Job	60.00
440	**Hooking up of the newly laid 200 mm NB line :** Hooking up of the newly laid 200 mm NB line with the manifolds. The electrodes shall be of suitable gauge and specification of E6010/E7010/E6013/E7016. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Job	20.00
450	**Hooking up of the newly laid 150 mm NB line :** Hooking up of the newly laid 150 mm NB line with the manifolds. The electrodes shall be of suitable gauge and specification of E6010/E7010 and should not be manufactured earlier than six months from the execution of the job and have to be approved by company Engineer. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Job	20.00
460	**Hooking up of the newly laid 100 mm NB line :** Hooking up of the newly laid 100 mm NB line with the manifolds. The welding shall generally conform to API -1104. The electrodes shall be of suitable gauge and specification of E6010/E7010 and should not be manufactured earlier than six months from the execution of the job and have to be approved by company Engineer. Necessary alignment, end preparation, cleaning to be done prior to welding. Contractor to supply all machines/ equipment/manpower etc. and consumables like fuel, electrodes, grinding discs, etc. as required for the job.	Job	20.00
470	**Hydraulic testing :** Hydraulic testing of the entire newly laid pipe line at 15.0 kg/sq. cm. of pressure for a period of 72 hours (continuous). The testing of the pipe line will have to be done after complete completion of laying of the pipe line in all aspects. Necessary materials like pressure gauge, pump, recorder and recorder charts etc. will have to be arranged by the contractor. The contractor shall lay the filling lines (100 mm NB). The contractor shall engage sufficient number of competent personnel over the entire pipeline to keep total vigilance during the test. In case of failure, the contractor shall locate it and report it to the OIL's representative at site. Any failure so detected will have to rectified by the contractor and the whole pipe line will have to be retested hydraulically. Only source water and the pipes required for laying the filling lines will be supplied by OIL. The contractor will have to return the pipes after the completion of the testing in good condition.	Job	10.00
480	**Painting:** Applying of one coat of anti rust primer and two coats of enamel paint to pipe lines and associated pipe fittings to the satisfaction of OIL's representative. The shades of paints to be applied on pipe lines and associated pipe fittings shall be specified by HEAD – FE or his representative and will have to be supplied by the contractor along with the necessary tools and tackles. Prior to the application of paints the same will have to be approved by HEAD – FE or his representative. Nominal Dimensions of Pipes and Pipe fittings: 100 MM NB to 300 MM NB.	Sq. Metre of Exposed Surface	13,429.11
490	**Primer Application Prior to Application Wrapping and Coating**: Welded pipe line and its fittings to be laid under-ground shall receive the following anti-corrosive treatment- (a) Manual cleaning and (b) application of two (2) coats of primer. Primer required for the job shall be supplied by OIL. Contractor to supply all requisite tools for the job.	Sq. Metre of Exposed Surface	1,050.00

ANNEXURE – A to Corrigendum No. 1 dated 10.06.2021

PART-II

SCHEDULE OF WORK, UNIT AND QUANTITY (SOQ)

Item No.	Description of Services	UOM	Quantity
500	**Coat and Wrap applications:** Welded pipe line and its fittings to be laid under-ground shall receive the following anti-corrosive treatment: Application of self adhesive Wrapping Coating Material on the outer surface of the pipes as advised by OIL's representative. The self adhesive Wrapping Coating Material shall have to be heated immediatley prior to application on pipes. Immediatly after heating the self adhesive Wrapping Coating Material is to be warpped around the outer surface of the pipes. All self adhesive Wrapping Coating Material shal be supplied by OIL. Contractor to supply all requisite tools (including heating arrangement) for the job. "	Sq. Metre of Exposed Surface	1,050.00

1. The rates shall be quoted per unit as specified in the "**PRICE BIDDING FORMAT**" attached under "Notes and Attachments" tab.

2. Tenure of Agreement:**03 (three) years** and **30 (thirty) days** from the date of issue of LOA.

Note: The Contract shall have a provision of extension for another **01 (one) year** at the same terms & conditions and at mutually agreed rates limited to original contract rates at the discretion of OIL.

3. Mobilisation Period: **30 (thirty) days** from the date of issue of Letter of Award (LOA).

If the Contractor fails to mobilize within the stipulated time period, then the duration of the Contract shall be reduced to the quantum of delay in Mobilization in days.

(Refer **PART-III, SCC, Clause No. 2.0**, for details of activities to be performed by the Contractor during the Mobilization Period)

4. The quantity mentioned is purely for evaluation purpose only. However, payment shall be made on actuals.

OIL INDIA LIMITED
(A Government of India Enterprise)
Duliajan, Assam

DESCRIPTION OF WORK/SERVICE: Hiring of Services for Carrying out Miscellaneous Piping Jobs for Fire Protection Systems & New Projects.

PRICE BIDDING FORMAT

NAME OF BIDDER	
Bidder's GSTIN No.	
SAC Code	

Item No.	Description of Services	UOM	Estimated Quantity	Rate (Rs.) to be quoted Excluding GST	Amount (Rs.) Excluding GST
			A	B	D = A * B
10	Transportation of pipes of various sizes	Ton-Kilometre	50,073.74		0.00
20	Manual Transportation of 300 mm NB pipes	Meter	120.00		0.00
30	Manual Transportation of 250 mm NB pipes	Meter	240.00		0.00
40	Manual Transportation of 200 mm NB pipes	Meter	9,000.00		0.00
50	Manual Transportation of 150 mm NB pipes	Meter	9,000.00		0.00
60	Manual Transportation of 100 mm NB pipes	Meter	6,000.00		0.00
70	Welding of 300 mm NB pipes & Fittings	Joint	100.00		0.00
80	Welding of 250 mm NB pipes & Fittings	Joint	200.00		0.00
90	Welding of 200 mm NB pipes & Fittings	Joint	3,000.00		0.00
100	Welding of 150 mm NB pipes & Fittings.	Joint	3,000.00		0.00
110	Welding of 100 mm NB pipes & Fittings	Joint	3,000.00		0.00
120	Screwing of 100 mm NB pipes	Meter	2,000.00		0.00
130	Bolting up of 200 mm NB pipes	Joint	650.00		0.00
140	Bolting up of 150 mm NB pipes	Joint	650.00		0.00
150	Bolting up of 100 mm NB pipes	Joint	300.00		0.00
160	Fabrication and installation of pipe trestles	Number	1,000.00		0.00
170	Construction of concrete pipe supports	Number	1,000.00		0.00
180	Fabrication of 200 mm NB miter bends	Number	500.00		0.00
190	Fabrication of 150 mm NB miter bends	Number	500.00		0.00
200	Fabrication of 100 mm NB miter bends	Number	250.00		0.00
210	Fabrication of 200 mm NB 'S'- bends	Number	250.00		0.00
220	Fabrication of 150 mm NB 'S'- bends	Number	250.00		0.00

PRICE BIDDING FORMAT					
NAME OF BIDDER					
Bidder's GSTIN No.					
SAC Code					
Item No.	**Description of Services**	**UOM**	**Estimated Quantity**	**Rate (Rs.) to be quoted Excluding GST**	**Amount (Rs.) Excluding GST**
230	Fabrication of 100 mm NB 'S'- bends	Number	180.00		0.00
240	Excavation of open trench	Cubic Meter	1,500.00		0.00
250	Crossing of graveled/asphalted roads	Meter	1,000.00		0.00
260	Lowering of 200 MM NB pipes	Meter	900.00		0.00
270	Lowering of 150 MM NB pipes	Meter	900.00		0.00
280	Lowering of 100 MM NB pipes	Meter	600.00		0.00
290	Taking out of 250 mm NB Tee-points	Number	20.00		0.00
300	Taking out of 200 mm NB Tee-points	Number	80.00		0.00
310	Taking out of 150 mm NB Tee-points	Number	180.00		0.00
320	Taking out of 100 mm NB Tee-points	Number	350.00		0.00
330	Installation of 300 mm NB flanged end valves/ NRVs/Strainers	Number	10.00		0.00
340	Installation of 250 mm NB flanged end valves/ NRVs/Strainers	Number	10.00		0.00
350	Installation of 200 mm NB flanged end valves/ NRVs/Strainers	Number	90.00		0.00
360	Installation of 150 mm NB flanged end valves/ NRVs/Strainers	Number	90.00		0.00
370	Installation of 100 mm NB flanged end valves/ NRVs/Strainers	Number	400.00		0.00
380	Installation of monitors	Number	180.00		0.00
390	Installation of TPC/ Hydrant Points	Number	100.00		0.00
400	Replacement of Drenching water spray rings of 10668 MM dia crude oil storage tanks	Job	90.00		0.00
410	Replacement of Drenching water spray rings of 6550 MM dia crude oil storage tanks	Job	60.00		0.00
420	Repairing/ De-clogging of Drenching water spray rings of 10668 MM dia crude oil storage tanks	Job	90.00		0.00
430	Repairing/ De-clogging of Drenching water spray rings of 6550 MM dia crude oil storage tanks	Job	60.00		0.00
440	Hooking up of the newly laid 200 mm NB line	Job	20.00		0.00
450	Hooking up of the newly laid 150 mm NB line	Job	20.00		0.00

PRICE BIDDING FORMAT					
NAME OF BIDDER					
Bidder's GSTIN No.					
SAC Code					
Item No.	**Description of Services**	**UOM**	**Estimated Quantity**	**Rate (Rs.) to be quoted Excluding GST**	**Amount (Rs.) Excluding GST**
460	Hooking up of the newly laid 100 mm NB line	Job	20.00		0.00
470	Hydraulic testing	Job	10.00		0.00
480	Painting	Sq. Metre of Exposed Surface	13,429.11		0.00
490	Primer Application Prior to Application Wrapping and Coating	Sq. Metre of Exposed Surface	1,050.00		0.00
500	Coat and Wrap applications	Sq. Metre of Exposed Surface	1,050.00		0.00
				Total (Rs.) (exclusive of GST)	**0.00**
Applicable GST Rate in %		**Applicable GST#**		**Total (Rs.) (inclusive of GST)**	**0.00**

This cost is to be maintained under the **"Total Bid Value"** in the e-tender portal. Refer **Clause 10.0** of Forwarding Letter for details.

#Please select from Drop Down list.

1. The price/rate(s) quoted by the Bidders will be inclusive of all taxes except GST (i.e. IGST or CGST and SGST/UTGST as applicable in case of interstate supply or intra state supply respectively and Cess on GST, if applicable) on the final services. However, GST rate (including cess) to be provided in the respective places in the Price Bid.

2. Price Bids shall be evaluated on overall lowest cost to OIL (L-1 offer) basis i.e. considering total quoted price for all services including applicable GST (CGST & SGST/UTGST or IGST)

3. OIL will prefer to deal with registered bidder under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet.

However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid. Where OIL is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

4. Price Bid uploaded without giving any of the details of the taxes (Including rates and amounts) will be considered as inclusive of all taxes including GST.

When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.

5. Input Tax Credit on GST (Goods & Service Tax) for this service is **NOT** available to OIL & The bids will be evaluated based on total price including GST.

6. Refer to GCC for detail of GST.

7. Refer to SOQ & SCC for Item detail Description.

8. Bidders are required to quote for all the items as per Price Bid Format; otherwise the offer of the bidder will be straightway rejected.