



ऑयल इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Oil India Limited
(A Government of India Enterprise)

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AMENDMENT NO. 1 DATED 21.05.2019
TO TENDER NO SGI1207P20

1.0 This Amendment no. 1 dated 21.05.2019 to tender no. SGI1207P20 is issued –

(i) To extend the Bid Closing/Technical Bid Opening date –

Bid Closing Date & Time	: 06.06.2019 at 11.00 Hrs. IST
Technical Bid Opening Date & Time	: 06.06.2019 at 14.00 Hrs. IST

(ii) To incorporate Technical Amendment as per Annexure – I attached.

(iii) To incorporate Commercial Amendment as per Annexure – II attached.

(iv) To incorporate Revised Price Schedule (Annexure DD - Revised) as attached.

2.0 All other terms and conditions of the tender remain unchanged.

Sd/-

(M. B. SINGHA)
SR. MANAGER MATERIALS (PL)
FOR DY. GENERAL MANAGER - MATERIALS (PL)
FOR CHIEF GENERAL MANAGER (PLS)

Ammendments to Tender No. SGI1207P20

Sl. No.	Clause No. as per Tender	Description	Original Specification	Amended Specification
1	F.2 (11)	Weather proof PTZ IP camera: Focal Length	4.5 mm - 135 mm	4.3mm-6mm to 129mm-180mm
2	F.2 (14)	Weather proof PTZ IP camera: Angle of view	H: 62.35° – 2.53°	H: 62.35° – 2.53° (+/-10%)
3	F.2 (25)	Weather proof PTZ IP camera: Manual tilt speed	Up to 200°/s	Up to 120°/s
4	F.2 (53)	Weather proof PTZ IP camera: Ingress protection	IP66 (IP certification shall be provided)	IP66 and IK10 (certification shall be provided)
5	F.2 (55)	Weather proof PTZ IP camera: Video streaming	Primary Stream:1080p @ 60/50 fps; 1.3M/720p @ 30/25 fps Second Stream: 1080p/1.3M/720p @ 30/25 fps	Two simultaneous streams of 1080p/1.3M/720p @ 30/25 fps or higher
6	F.2 (66)	Weather proof PTZ IP camera: Communication	ONVIF Profile S and G	ONVIF Profile S
7	E.6	BOM-VMS software license	VMS Software licenses for all Servers for Monitoring, Control, Recording, Archival for minimum 100 nos. Camera License and Unlimited Concurrent Client License.(For PS3 & PHQ)	VMS Software licenses for all Servers for Monitoring, Control, Recording, Archival for minimum 100 nos. Camera License and five nos. of Concurrent Client License.(For PS3 & PHQ)
8	E.33	BOM-Pole for CCTV 6 metre	Pole for CCTV including all Supports, 6 metre	Pole for CCTV including all Supports, 6 metre with lightning Arrestor
9	E.34	BOM-Pole for CCTV 3 metre	Pole for CCTV including all Supports, 3 metre	Pole for CCTV including all Supports, 3 metre with lightning Arrestor
10	F.3 (10)	Central Data Storage-Storage capacity	9x8TB 7.2krpm NLSAS drives should be supplied to achieve 50TB usable after RAID 5, total 16 data drive slots should be available in the base unit for future scalability	Minimum 200TB usable storage after RAID 5 for 1080p resolution, 25FPS, contineous recording for all cameras, total 16 data drive slots should be available in the base unit for future scalability
11	F.7 (7)	Pump station recording storage/server-Hard Disk	4 nos. of 1.2TB or higher capacity 10K RPM SAS 6G Enterprise Hot Swap HDD in RAID 5 configuration	Minimum 20TB usable storage or higher capacity 10K RPM SAS 6G Enterprise Hot Swap HDD in RAID 5 configuration for 1080p resolution, 25FPS, contineous recording
12	F.14 (3)	Cat6 UTP cable outdoor-Type	Cat6 U/UTP, 4 pair Outdoor Cable, solid bare copper with cross filler pair separator with overall foiled screen.	Cat6 U/UTP, 4 pair Outdoor Cable, 23AWG solid bare copper with cross filler pair separator/ECCS.
13	F.14 (4)	Cat6 UTP cable outdoor-Standards	Compliant with standards ISO/IEC 11801 2nd Ed., EN 50173-1: May 2007 (DIN EN 50173-1), DIN 44332-5, IEC 61156-5 2nd Ed., EN 50288 x-1, 10GBase T in acc. with IEEE 802.3an: June 2006.	Standard Compliance- Meets and exceeds ANSI/TIA 568-C.2 and ISO/IEC 11801 for CAT6.
14	F.14 (6)	Cat6 UTP cable outdoor-Cable shield	F/UTP	U/UTP construction
15	F.14 (11)	Cat6 UTP cable outdoor-Outer Diameter	Maximum 7.2 mm	7.2mm-10mm
16	F.14 (14)	Cat6 UTP cable outdoor-Armor over inner sheath	Galvanized steel wire for UAD less than 13 mm, Galvanized steel strip for UAD greater than 13mm. Dimensions as per table 5 of IS 1554 Part I	Clause stands deleted
17	F.17 (9)	Light Interface unit (LIU)-Material	Min 1.6mm CRCA Sheet steel with powder coating	Min 1.6mm CRCA Sheet steel/aluminium with powder coating
18	F.32	Fibre optic cable	FIBRE OPTIC CABLE, 12 CORE, ARMORED, FRLS, SINGLE MODE	FIBRE OPTIC CABLE, 12 CORE, ARMORED, SINGLE MODE
19	F.32 (8)	Fibre optic cable 12 core armored-Jacket material	HDPE outer jacket 2mm thickness	HDPE outer jacket minimum 1.8mm thickness
20	F.32 (25)	Fibre optic cable 12 core armored-Operating temperature	-40 Degree C to +70 Degree C	-10 Degree C to +70 Degree C
21	F.36 (9)	OFC patch cord SM-Temperature range	-25 Degree C to +70 Degree C	-10 Degree C to +70 Degree C

22	C.8	Recording capacity	<p>PHQ, Guwahati shall be main recording station along with backup in PS3, Jorhat with recording capacity for 90 days. Recording of the all the cameras of all the stations shall be done in the Video Recorder provided at PHQ location. However, synchronization of both the Video Recorders at PHQ and PS3 shall be done through existing optical network. Small capacity recording (30 days) shall also be provided in other pump stations and NT for local recording. Pump stations and NT shall have to be able to monitor the cameras under its jurisdiction from pump station recorders (Pump station wise jurisdiction is provided in Clause G6-1-1.2-Installation).</p>	<p>PHQ, Guwahati shall be main recording station along with backup in PS3, Jorhat with recording capacity for 90 days (Bidder shall consider minimum 200TB usable storage 1080p resolution, 25FPS, contineous recording for all cameras at PHQ and PS3). Recording of the all the cameras of all the stations shall be done in the Video Recorder provided at PHQ location. However, synchronization of both the Video Recorders at PHQ and PS3 shall be done through existing optical network. Small capacity recording (30 days) shall also be provided in other pump stations and NT for local recording (Bidder shall consider minimum 20TB usable storage 1080p resolution, 25FPS, contineous recording). Pump stations and NT shall have to be able to monitor the cameras under its jurisdiction from pump station recorders (Pump station wise jurisdiction is provided in Clause G6-1-1.2-Installation).</p>
23	B.3	Recording capacity	<p>CCTV Camera System shall be installed in Pump Stations namely PS1-Duliajan, PS11-Tengakhata, PS2-Moran, PS3-Jorhat, PS4-Sekoni, RT1-Digboi Refinery Terminal & NT-Numaligarh Refinery Terminal and Repeater Stations namely Digboi repeater station, RS18-Fatengbore, RS1-Maduri, RS2-Badulipur, RS3-Kaziranga, RS4-Ghani & RS5-Jagiroar. Pipeline Headquarters (PHQ) at Narengi, Guwahati shall be main recording station along with the backup in PS3, Jorhat. There shall be small capacity recording in Pumping Stations as well. All these locations will be connected with existing Oil India OFC network. At pumping stations, recording capacity shall be for 30 days. All the pumping stations shall be able to view the respective CCTV cameras of Pumping Stations and Repeater Stations.</p>	<p>CCTV Camera System shall be installed in Pump Stations namely PS1-Duliajan, PS11-Tengakhata, PS2-Moran, PS3-Jorhat, PS4-Sekoni, RT1-Digboi Refinery Terminal & NT-Numaligarh Refinery Terminal and Repeater Stations namely Digboi repeater station, RS18-Fatengbore, RS1-Maduri, RS2-Badulipur, RS3-Kaziranga, RS4-Ghani & RS5-Jagiroar. Pipeline Headquarters (PHQ) at Narengi, Guwahati shall be main recording station along with the backup in PS3, Jorhat. There shall be small capacity recording in Pumping Stations as well. All these locations will be connected with existing Oil India OFC network. At pumping stations, recording capacity shall be for 30 days (Bidder shall consider minimum 20TB usable storage 1080p resolution, 25FPS, contineous recording). All the pumping stations shall be able to view the respective CCTV cameras of Pumping Stations and Repeater Stations.</p>
24	G.10 (1) and BRC clause 7.0	Delivery Schedule	Supply of all item: Within TWELVE (12) weeks from the date of issue of firm purchase order.	<p>Supply of all items, Installation & commissioning, trial run, site acceptance of entire project: Within THIRTY TWO (32) weeks from the date of issue of firm purchase order. Site clearance shall be provided by OIL within seven (7) days of PO.</p>
25	G.10 (2) and BRC clause 7.0	Delivery Schedule	Installation, configuration, Integration testing and commissioning of entire project: Within TWENTY (20) weeks from the date of issue of handing over the site.	

ANNEXURE – II

COMMERCIAL AMENDMENT TO TENDER NO. SGI1207P20

(i) Clause no. I (A) COMMERCIAL under Annexure – BB of the tender to be read as I (C) COMMERCIAL.

(ii) Following Commercial Clauses amended as under –

Clause no.	Original Clause	Amended Clause
15.1 under I(C) COMMERCIAL of ANNEXURE - BB	<p>The bids conforming to the specifications, terms and conditions stipulated in the enquiry and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:</p> <ol style="list-style-type: none"> 1. Basic Material Value 2. Packing & Forwarding Charges, if any 3. Total Ex-Works Value (1+2) 4. GST on Total Ex-Works Value 5. Compensatory Cess, if any 6. Total FOR Despatching Station Value (3+4+5) 7. Freight Charges upto destination 8. GST on Freight Charges 9. Insurance Charges @0.5% of (6) inclusive of GST 10. Charges for Trenching for cable laying 11. GST on Charges for Trenching for cable laying 12. Charges for OFC and Power Cable Laying 13. GST on Charges for OFC and Power Cable Laying 14. Charges for CAT6 Cable Laying 15. GST on Charges for CAT6 Cable Laying 16. Installation & Commissioning Charges 17. GST on Installation & Commissioning Charges 18. Charges for Factory Acceptance Test (FAT) 19. GST on Charges for Factory Acceptance Test (FAT) 20. Training Charges 21. GST on Training Charges 22. Total Value (6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21) 	<p>The bids conforming to the specifications, terms and conditions stipulated in the enquiry and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:</p> <ol style="list-style-type: none"> 1. Basic Material Value 2. Packing & Forwarding Charges, if any 3. Total Ex-Works Value (1+2) 4. GST on Total Ex-Works Value 5. Compensatory Cess, if any 6. Total FOR Despatching Station Value (3+4+5) 7. Freight Charges upto destination 8. GST on Freight Charges 9. Insurance Charges @0.5% of (6) inclusive of GST 10. Charges for Trenching for cable laying 11. GST on Charges for Trenching for cable laying 12. Charges for OFC and Power Cable Laying 13. GST on Charges for OFC and Power Cable Laying 14. Charges for CAT6 Cable Laying 15. GST on Charges for CAT6 Cable Laying 16. Installation & Commissioning Charges 17. GST on Installation & Commissioning Charges 18. Charges for Factory Acceptance Test (FAT) 19. GST on Charges for Factory Acceptance Test (FAT) 20. Training Charges 21. GST on Training Charges 22. Charges for 5 years comprehensive AMC 23. GST on AMC Charges 24. Total Value (6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22+23)
15.2 under I(C) COMMERCIAL of ANNEXURE - BB	<p>Comparison of offers shall be done on Total Value vide Srl. No. 22 (Total Value).</p>	<p>Comparison of offers shall be done on Total Value vide Srl. No. 24 (Total Value).</p>

ANNEXURE – DD (REVISED)
PRICE SCHEDULE (REVISED)

Notes:

- (i) *In the event of computational error between unit price and total price, unit price shall prevail and adopted for evaluation. Similarly, in the event of discrepancy between words and quoted figure, words will prevail.*
- (ii) *GST should be quoted separately. If GST is not shown separately the offer will be considered to be inclusive of all taxes and will be binding on the bidder.*
- (iii) *Insurance charges @0.5% shall be loaded on F.O.R Despatch Station Value for evaluation purpose.*
- (iv) *Loading & evaluation shall done be as per clause no. 15.1 of Annexure – BB.*