

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
CONTRACT AWARD PROFORMA-I

1. Name of the Organization/Deptt	Sui Northern Gas Pipelines Ltd
2. Federal / Provincial Govt	Public Sector Organization
3. Title of Contract	C-1926/22
4. Tender Number	SNC-1862/21
5. Brief Description Of Contract	Spares for Overhauling/Services/ Repair of Centaur Engines and 02Nos. T-45 Gas Turbine Engines.
6. Tender Value	Rs. 200.00 Million (Approx)
7. Engineer's Estimated	Not applicable
8. Estimated Completion Period	270 Days (Approximately)
9. Whether The Procurement Was Included In Annual Procurement Plan	Yes
10. Advertisement :	NA -(Proprietary)
a. PPRA website (Federal Agencies)	No
b. News Papers	No
11. Tender Opened On (Date & Time)	28.12.2021 at 1600 Hrs
12. Nature Of Purchase	Import
13. Extension In Due Date (If any)	No.
14. Number of Tender Documents Sold	NIL
15. Whether qualification criteria was included in Bidding/Tender documents	Proprietary
16. Which Method Of Procurement Was Used	Tick one
a. Single Stage – One Envelope Procedure	√
b. Single Stage - Two Envelope Procedure	
c. Two Stage Bidding Procedure	
d. Two Stage – Two Envelope Bidding Procedure	
17. Please specify if any other method of procurement was adopted with brief reasons (i.e. emergency, direct contracting, negotiated tendering etc.)	Yes (Proprietary) Direct Contracting.
18. Who is the approving authority	Managing Director
19. Whether approval of competent authority was obtained for using a method other than open competitive bidding	Yes.
20. Number Of Bids Received	01 (One)
21. Whether The Successful Bidder Was Lowest Bidder	N/A. Proprietary.
22. Whether Integrity Pact Was Signed	Yes [Copy Enclosed]

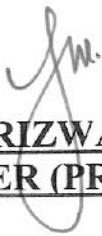
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ATTACHMENT - II

**PUBLIC PROCUREMENT REGULATORY
AUTHORITY (PPRA)**

CONTRACT AWARD PROFORMA - II

1. Number of bidders present at the time of opening of bids	No
2. Name and address of the successful bidder	M/s Solar Turbines Europe, S.A. Belgium.
3. Ranking of successful bidder in evaluation report(i.e. 1st, 2nd, 3rd evaluated bid)	N/A Proprietary.
4. Need analysis (why the procurement was necessary?)	Spares for Overhauling/Services/ Repair of Centaur Engines and 02Nos. T-45 Gas Turbine Engine.
5. In case extension was made in response time, what were the reasons (briefly describe)	N/A.
6. Whether names of the bidders and their prices was read out at the time of opening of bids	N/A. Proprietary.
7. Date of contract signing	30.06.2022 [Contract Attached]
8. Contract award price	US\$ 1,104,433.66 (FOB)
9. Whether copy of evaluation report given to all bidders	N/A. Proprietary
10. Any deviation from specifications given in the tender notice/documents	No
11. Any complaints received	No
12. Deviation from qualification criteria	No.
13. Special conditions, if any	No


SHAHZAD RIZWAN SHAMSI
DY.CHIEF OFFICER (PROCUREMENT)



SUI NORTHERN GAS PIPELINES LIMITED

Purchase Order No. C-1926/22

Dated: 17-05-2022

30/06/2022

M/s Solar Turbines Europe, S.A.
BELGIUM

C/O

M/s Solar Turbines Europe S.A.,
(Dubai Branch),
Jebel Ali Free Zone, South Zone,
Street No. S402/S403,
P. O. Box 17779, Dubai,
U.A.E.

SUB: SPARES FOR OVERHAULING / SERVICES / REPAIR OF CENTAUR ENGINES & 02 NOS. OF T-45 GAS TURBINE ENGINE

Reference: Your quotation No. QS1063196 dated 27-December, 2021 in response to our tender enquiry No. SNC-1862/21, your emails dated 24-02-2022 & 28-02-2022 and others also refer.

Sir,

- We are pleased to place an order on you for the following Item(s):-

Item No.	Description	Qty. Nos.	Unit	Unit Ex-works Price (US\$)	Total Ex-works Value (US\$)
Spares for Overhauling / Services / Repair of Centaur Engines & 02 Nos. of T-45 Gas Turbine Engine					
					Part No.
1	Roller	01	24p	817.44	909071C2
2	Washer, Flat, 0.625 In, Stainless	08	25p	3.00	816634216
3	Locknut, 0.625-11UNC-2B, Hex, 410	14	10p	75.00	903111C1
4	Washer, Flat, 0.625 In, 17-7 PH	04	10p	16.20	1010477
5	Bolt, Hex, 0.625-11 X 1.50 In, B6	46	06p	19.02	903118C1
6	Bolt, Hex, 0.625-11 X 2.75 In, B6	14	18p	86.04	903115C1
7	Gear, Pinion	01	ea	1,399.44	907803C1
8	Bolt, Hex, 0.50-13 X 1.75 In, GR	05	25p	7.50	22542R1
9	Lockplate, 0.91 In X 0.91 In, 1	03	25p	21.75	909139C1
10	Lockwasher, Split, 0.25 In, 304	04	25p	2.00	25458R1
11	Washer, Flat, 0.375 In, 304 SS	02	25p	7.25	908171C1
12	Rod End, RH	01	ea	76.15	908216C1
13	Turnbuckle	01	ea	28.00	907784C1
14	Ring, Retaining, Beveled	01	ea	80.14	23416R1
15	Bolt, Hex, 0.625-11 X 2.25 In, B6	01	04p	21.52	903117C1
16	Pin, Round, Locating, 2.50 In Dia	01	ea	68.56	905954C1
17	Washer, Flat, 0.375 In, Stainless	07	25p	2.00	701642C1
18	Seal, Ring	10	ea	782.15	136178-1
19	Pin, Clevis, 0.1875 In Dia X	01	04p	2.08	MS20392-2C13
20	Pin, Retaining, 0.1835 In Dia X	10	ea	6.35	914256C1
21	Plate, Bearing Retainer	02	ea	234.81	192038-1
22	Screw, Round, 10-32 X 0.38 In, A4	15	ea	4.69	192036-1
23	Pad, Bearing, Tilt	05	ea	140.05	191296-1
24	Bearing, 3.2405 ID	05	ea	200.09	191296-9

Contd. Sheet I/A.

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SUI NORTHERN GAS PIPELINES LIMITED

Purchase Order No. C-1926/22
Cont. Sheet. 1/A

Dated: 17-05-2022

30/06/2022

Item No.	Description	Qty. Nos.	Unit	Unit Ex-works Price (US\$)	Total Ex-works Value (US\$)	
25	Pad, Bearing, Tilt	191296-11	05	ea	269.43	1,347.15
26	Pad, Bearing, Tilt	191296-15	15	ea	140.05	2,100.75
27	Bolt, Hex, 10-24 X 1 In, GR 5	908914C1	01	25p	35.25	35.25
28	Seal, Ring	907952C1	05	ea	624.44	3,122.20
29	Pin, Bearing	117145-10	04	05p	28.60	114.40
30	Pin, Bearing	117145-11	04	05p	28.60	114.40
31	Pin, Bearing	117145-12	03	05p	28.60	85.80
32	Pin, Bearing	117145-13	06	05p	28.60	171.60
33	Pin, Bearing	117145-14	04	05p	28.60	114.40
34	Pin, Bearing	117145-15	06	05p	28.60	171.60
35	Pin, Bearing	117145-16	06	05p	28.60	171.60
36	Nut, Rotor	909055C1	02	ea	304.15	608.30
37	Nut, Centerstud	909052C1	02	ea	637.22	1,274.44
38	Disk Assy, Cmpsr, Stg 10	136070-402	01	ea	25,133.88	25,133.88
39	HUB Assy, AFT, Cmpsr	138343-201	01	ea	12,184.28	12,184.28
40	Centerstud, Cmpsr	909067C2	02	ea	9,263.40	18,526.80
41	Centerstud, Cmpsr	907776C2	02	ea	5,866.82	11,733.64
42	Thrust Collar	907932C4	02	ea	925.64	1,851.28
43	Nut, Centerstud	909063C1	02	ea	489.63	979.26
44	Blade, Cmpsr, STG 1	134592-6	02	17p	7,968.24	15,936.48
45	RC-Blade 2nd STG	949916C6	35	ea	432.53	15,138.55
46	Blade, FAB, Cmpsr, STG 5, Rotor	907876D6A	02	32p	5,698.88	11,397.76
47	Blade, Cmpsr, 6 & 7	909626C5	02	33p	5,876.97	11,753.94
48	Blade, Cmpsr, STG 8	192674-2	02	41p	5,343.53	10,687.06
49	Blade, Cmpsr, STG 10	192674-4	02	37p	4,822.21	9,644.42
50	Nut, Barrel, 0.25-28UNF-3B	908134C1	09	36p	243.72	2,193.48
51	Valve, Ball, 0.145 In, 0	909057C1	03	36p	139.68	419.04
52	Vane, Guide, Inlet, Casting	949110C5	36	ea	596.29	21,466.44
53	Busing, Inner, Straight Bore	171428-1	03	36p	69.48	208.44
54	Roller	907752C2	01	06p	298.68	298.68
64	Ring, Stator, Stg 11	302241-100	01	ea	8,506.15	8,506.15
65	Liner, Combustor	128218-800	01	ea	135,572.53	135,572.53
66	Bolt, Hex, 0.375-16 X 1.75 In, GR	22525R1	06	25p	1.50	9.00
67	Locknut, 0.375-16UNC-2B, Thin	965060C1	19	04p	4.16	79.04
68	Bolt, Hex, 0.375-16 X 1.25 In, B6	912358C1	03	30p	27.00	81.00
69	Locknut, 0.375-16UNC-2B, Thin	918747C1	04	30p	89.40	357.60
70	Bolt, Hex, 0.625-11 X 1.75 In, B6	903126C1	54	06p	21.60	1,166.40
71	Tipshoe, Segment, Stg 2	135407-4	01	ea	1,416.83	1,416.83
72	Tipshoe, Segment, Stg 2	135407-5	01	ea	1,423.90	1,423.90
73	Tipshoe, Segment, Stg 2	135407-6	02	ea	1,420.02	2,840.04
74	Tipshoe, Segment, Stg 2	135407-7	02	ea	1,420.02	2,840.04
75	Tipshoe, Segment, Stg 2	135407-8	02	ea	1,416.83	2,833.66
76	Tipshoe, Segment, Stg 2	135407-9	01	ea	1,423.90	1,423.90
77	Tipshoe, Segment, Stg 2	135407-10	01	ea	1,436.60	1,436.60
78	Tipshoe, Segment, Stg 1	135406-4	01	ea	1,262.67	1,262.67
79	Tipshoe, Segment, Stg 1	135406-5	01	ea	1,285.01	1,285.01

Contd. Sheet 1/B.

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SUI NORTHERN GAS PIPELINES LIMITED

Purchase Order No. C-1926/22
Cont. Sheet. 1/B

Dated: 17-05-2022
30/06/2022

Item No.	Description	Qty. Nos.	Unit	Unit Ex-works Price (US\$)	Total Ex-works Value (US\$)	
80	Tipshoe, Segment, Stg 1	135406-6	02	ea	1,304.02	2,608.04
81	Tipshoe, Segment, Stg 1	135406-7	02	ea	1,308.48	2,616.96
82	Tipshoe, Segment, Stg 1	135406-8	02	ea	1,268.53	2,537.06
83	Tipshoe, Segment, Stg 1	135406-9	02	ea	1,268.53	2,537.06
84	Tipshoe, Segment, Stg 1	135406-10	02	ea	1,276.35	2,552.70
85	Seal, Strip	124316-2	01	11p	28.60	28.60
86	Seal, Strip	124316-1	01	11p	28.60	28.60
87	Seal, Interstage	907818C3	03	ea	765.67	2,297.01
88	Lockplate, 1.32 In X 1.32 In, 1	917715C1	02	12p	16.56	33.12
89	Bolt, Hex, 0.50-13 X 1.0 In, B6	903123C1	25	04p	6.84	171.00
90	Spring, Compression	947241C1	03	11p	55.99	167.97
91	Washer, 0.50 In, 0.567 OD Thk	949808C2	02	25p	169.25	338.50
92	Tube, 0.50 OD	949968C2	01	44p	1,689.16	1,689.16
93	Nut, Hex, 0.25-28UNJF-3B, Silver	M89357-10	07	22p	107.36	751.52
94	Nozzle Segment Assy, Stg 1	191049-201	44	ea	4,519.06	198,838.64
95	Seal, Strip	124316-3	03	22p	67.32	201.96
96	Pin, Round, 0.1855 In Dia X 0.62	946615C3	02	30p	109.20	218.40
97	Seal, Strip	124316-4	01	11p	41.25	41.25
98	Nozzle Segment Assy, Stg 2	179107-200	44	ea	3,522.31	154,981.64
99	Nozzle Segment Assy, Stg 3	115783-300	06	ea	5,327.38	31,964.28
100	Nozzle Segment Assy, Stg 3	115783-200	07	ea	4,997.93	34,985.51
101	Shield	907911C2	01	ea	92.72	92.72
102	Lockwasher, Int Tooth, 2.53 In	907906C1	02	ea	18.86	37.72
103	Centerstud, GP	945745C3	01	ea	9,195.60	9,195.60
104	Disk Assy, Turbine, Stg 2	173162-202	01	ea	86,203.71	86,203.71
105	Disk Assy, Turbine, Stg 1	173160-202	01	ea	86,909.91	86,909.91
106	Blade, Turbine, Stg 1	373886-1	61	ea	535.77	32,681.97
107	Shaft, GP	300348-1	01	ea	12,397.80	12,397.80
108	Blade, Turbine, Stg 3	172692-3	67	ea	711.05	47,640.35
109	Ring, Retaining, Spiral	327220R1	01	06p	31.56	31.56
110	Locknut, 0.625-11UNC-2B, Light	908741C1	05	02p	23.86	119.30
111	Lockplate, 4.11 In X 1.225 In, 2	907964C1	01	06p	12.54	12.54
112	Bolt, Hex, 0.625-11 X 2.625 In	908743C1	04	02p	10.40	41.60
113	Bolt, Hex, 0.50-13 X 2.25 In, B8M	701029C1	04	04p	13.68	54.72
114	Locknut, 0.50-13UNC-2B, Light	23819R1	18	04p	21.24	382.32
115	Washer, Thrust, 3.37 In, Bronze	907809C2	03	ea	362.39	1,087.17
116	Lockplate, 4.13 In X 1.12 In, 2	907966C1	01	06p	15.78	15.78
117	Bolt, Hex, 0.50-13 X 1.25 In, GR	22540R1	03	25p	4.50	13.50
118	Sealant, Gasket, Silicone, 310 MI	FSP-100-337	01	ea	30.50	30.50
119	O-Ring, Sae 227, Viton	903246C1	01	10p	23.80	23.80
120	Washer, Flat, 0.4375 In	1010452	01	16p	2.72	2.72
121	Locknut, 0.437-20UNJF-2B, Hex	272712	02	16p	24.32	48.64
122	Lockwasher, Bearing	901722090	02	ea	10.99	21.98
123	Locknut, Bearing	901722440	02	ea	31.24	62.48
124	Locknut, Bearing	901722560	03	ea	103.18	309.54
125	Lockwasher, Bearing	901722210	02	02p	45.16	90.32

Contd. Sheet 1/C.

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SUI NORTHERN GAS PIPELINES LIMITED

Purchase Order No. C-1926/22
Cont. Sheet. 1/C

Dated: 17-05-2022
30/06/2022

Item No.	Description	Qty. Nos.	Unit	Unit Ex-works Price (US\$)	Total Ex-works Value (US\$)
126	Bearing, Ball, Radial, 3.9368 ID	03	Set	1,248.10	3,744.30
127	Shaft, Gearbox, Accy Drive	01	ea	1,154.77	1,154.77
128	Gear, Starter	01	ea	1,023.33	1,023.33
129	Key, Woodruff	02	ea	0.63	1.26
130	Bearing, Ball, Radial, 2.1654 ID	06	ea	190.00	1,140.00
131	Spacer, Gearbox, Clutch	01	ea	73.65	73.65
132	Clutch, Sprag	02	ea	1,234.89	2,469.78
133	Gear, Starter	01	ea	2,137.19	2,137.19
134	Bearing, Cylindrical Roller	03	ea	354.65	1,063.95
135	Gear, Pump	01	ea	884.44	884.44
136	Locknut, 0.375-24UNJF-3B, Hex	06	25p	23.75	142.50
137	Bolt, Hex, 0.312-18 X 1.0 In, GR	05	25P	2.75	13.75
138	Locknut, 0.50-13UNC-2B, Light	03	06p	37.26	111.78
139	Locknut, 0.50-20UNJF-3B, Hex	03	14p	29.26	87.78
140	Ring, Sealing	04	ea	19.79	79.16
141	Bolt, Hex, 0.50-13 X 2.25 In, B6	11	04p	13.68	150.48
142	Ring, Piston	03	ea	584.97	1,754.91
143	Bolt, Hex, 0.625-11 X 1.25 In, B6	01	10p	41.10	41.10
144	Cover Assy, INS, BRG HSG, FWD	01	ea	793.51	793.51
145	Lockplate, 3.09 In X 1.12 In, 2	01	07p	17.57	17.57
Total Ex-works value Belgium				US\$.	1,091,478.66
Inland freight and handling charges				US\$.	12,955.00
Total FOB value upto Antwerp Seaport, Belgium				US\$.	1,104,433.66

- COUNTRY OF ORIGIN USA, TAIWAN, CANADA, MEXICO, UNITED KINGDOM, ESTONIA, KOREA & SINGAPORE
- PERIOD OF SHIPMENT 270 DAYS AFTER RECEIPT OF CONFIRMED OPERATIVE L/C BUT TRY TO IMPROVE THIS DELIVERY PERIOD
- PORT OF DESTINATION KARACHI PORT / BIN QASIM PORT - PAKISTAN

Contd. P/2.

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ISO 9001 ISO 14001

5. SHIPMENT

- a) Shipments of Cargo is to be made through vessels owned or chartered by Pakistan National Shipping Corporation (PNSC), who are members of the Conference Line, on freight to pay basis. The address of PNSC, Karachi is as follows:-

M/s Pakistan National Shipping Corporation, P.N.S.C. Building,
Moulvi Tamizudin Khan Road, Karachi (Pakistan).

- b) Shipment/despatch details must be confirmed by telefax immediately upon shipment.
- c) Also request your principals to give at least 30 days notice to the agents of PNSC at the port of loading about the cargo readiness so that there is not difficulty in booking space in the next ship available.
- d) We give below the name and address of M/s PNSC's agents for enabling your principals to contact them for making arrangements for shipments and booking of shipping space at the time of completion of order:-

M/s United America Line (UAL),
499 Ernston ROAD, STE. B-13
Parlin, NJ 08859,
USA
Phone: (732) 727 1700
Contact Person : Capt. Tahir / Mr Rushdi sulaiman
New Contacts:
Amir amir@unitedamericaline.com
Rushdi Sulaiman rushdi@unitedamericanline.com
Capt. Tahir ualus1@aol.com

- e) To expedite receipt of advance shipping documents, please also arrange despatch the same through courier service to our Karachi Office at the following address under an intimation to us:-

SUI NORTHERN GAS PIPELINES LTD,
PIDC HOUSE, DR. ZIA-UD-DIN AHMED ROAD,
KARACHI (PAKISTAN)
ATTENTION: MR. MUHAMMAD WAJID
Phone No:- 021-35682055
email: imports@sngpl.com.pk

Contd. P/3.

6. PACKING & MARKING

Stores should be securely packed to ensure safe transit by Sea and marked as follows:-

S.N.G.P.L.
<u>C-1926/22</u>
KARACHI (PAKISTAN)

7. INSPECTION

Not required, but Material Conformance Certificate is required. This shall, however, not absolve you of your responsibility to supply the material in accordance with the specifications of this purchase order.

8. PREPARATION OF INVOICES & SHIPPING DOCUMENTS

- a) All invoices/Bills of Lading/Shipping documents must bear full reference of this contract number and date.
- b) Total value on invoices must indicate full FOB value.

9. ADVANCE SHIPPING DOCUMENTS

Advance copies of the following shipping documents in quintuplicate with number and date of this contract should reach us at least 7 days before the expected arrival of the vessel at Karachi:-

- a) Non-negotiable Clean Bill of Lading.
- b) Supplier's signed invoice (showing separately value of each item) duly signed in ink.
- c) Signed packing list showing measurement, quantity, weight and their numbers.
- d) Material Conformance Certificate.
- e) Guarantee Certificate:- (Beneficiaries to the Letter of Credit are required to produce a Guarantee Certificate to the effect that the quality of material conforms to the specification given in Clause No. 1 and the quantity has actually been shipped for which payment against Letter of Credit has been claimed. This certificate will accompany the shipping documents, on production of which payment will be drawn against Letter of Credit.)
- f) Copy of Invoice and Packing List must be placed on an obvious place of store being shipped.

Contd. P/4.

10. INSURANCE

Insurance will be arranged by us when the consignment is ready for shipment/despatch. In this respect, please refer to the details given in clause-1 of attached Appendix 'A'.

11) TERMS OF PAYMENT (Please also see Appendix-'A' attached).

- a) By confirmed & irrevocable Letter of Credit in favour of M/s Solar Turbines Europe SA, Avenue De Finlande, 8, B-1420 Braine L'Alleud, Belgium Telephone No. 32-2-6226100 valid for shipment/despatch as per clause 3 of the purchase order.
- b) Confirmation charges will be on supplier's account.
- c) Negotiation of documents must be made within 21 days from date of shipment.
- d) Other terms and conditions as per clauses 1, 2, 3, 5 to 8, 10, 12 & 13 of Appendix-'B' attached.
- e) L/C may be advised through Citibank Europe PLC, Organizacni Slozka, Prague - Czech Republic
Swift Code: CITICZPXXXX

12. In the event an item has been wrongly supplied or short supplied, supplier(s) will undertake to replace the item free of charge. The defective item will be handed over by us to their representative in Pakistan if any. Please note that the Company cannot arrange export of defective material back to supplier(s) in abroad.

13. SPECIAL INSTRUCTIONS

Attached instructions shall apply to this order.

14. Invoice and packing list must be placed at an obvious place with the each consignment and certificate to this effect must be submitted alongwith the shipping documents. In the event of non adherence, any penalty imposed by the Pakistan Customs Authorities will liable to be recovered from the beneficiary or shipper, as applicable.

15. Any payment of custom duty, sales tax on account of incorrect shipping documents and any demurrage caused at the port of discharge owing to either incorrect shipping documents or late receipt of non-negotiable, negotiable shipping against the time period stipulated in the PO/LC or levy of any penalty due to missing of any document in violation of Pakistan Custom Rules will be charged to beneficiary/shipper as applicable.

16. In case, if material is found faulty, short or defective, the supplier(s) apart from replacing the short supplied, faulty or defective material or paying the full cost of replacement would also pay extra custom duty and sales tax etc., paid by Sui Northern Gas Pipelines Limited on that account.

17. If shipment is from UAE or where voyage time is less than 7 days then advance shipping documents does not required within 7 days.

18. FTA Certificate and COO Certificate required in case of Chinese Origin.

19. Warranty:- 12 Months from the date of delivery as per Solar's terms & conditions of warranty.

20. You are required to furnish duly signed Integrity Pact within 15 days of receipt of this purchase order (If value of purchase order is more than Pak Rs.10/- Million).

Please acknowledge receipt and confirm that you are undertaking supply in terms of this Contract.

Yours faithfully,
SUI NORTHERN GAS PIPELINES LIMITED

(SHAHZAD RIZWAN SHAMSI)
DY. CHIEF OFFICER (PROCUREMENT)
for MANAGING DIRECTOR



SUM. (COMP. PRESSURE)
No. 3707
Date: 07-2-22

SUI NORTHERN GAS PIPELINES LIMITED
MEMORANDUM

From: General Manager (Comp.)
Multan.

To: General Manager (Procurement)
Lahore.

Ref: C-48/M-(40) ⁰⁴ Date: 02.02.2022

Thru: SGM (ES/C) ✓

TECHNICAL VETTING OF TENDER ENQUIRY NO. SNC-1862-21
COVERING SPARES FOR OVERHAULING/SERVICES/
REPAIR OF 02 NOS. CENTAUR T-45 GAS TURBINE ENGINES
INDENT NO. MUL/C/IB/0010/22

This refers to your memo no. SNC-1862/21 dated 28.12.2021 regarding technical vetting of spares for overhauling of 02 Nos. Centaur T-45 Gas Turbine Engines.


Kindly find attached the joint technical vetting of above mentioned enquiry as Annexure-A for further proceedings at your end.


MIR BAHADUR KHAN
GENERAL MANAGER (COMP.)

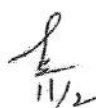
Enclosed: As above

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- DCE (O/H), A-7 Mul.
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242
(Procurement) Department


S/ (PT) Mr. Habib

11/2

TECHNICAL VETTING OF TENDER ENQUIRY NO. SNC-1862/21
COVERING SPARES FOR OVERHAULING/SERVICES/
REPAIR OF 02 NOS. CENTAUR T-45 GAS TURBINE ENGINES
INDENT NO. MUL/C/IB/0010/22

This refers to your memo no. SNC-1862/21 dated 28.12.2021 regarding technical vetting of the subject tender enquiry. After thorough examination of the bid, it was observed that the bidder did not quote bid for Item # 108 and demanded further information about this item and quoted irrational long lead time of Item # 105 in the bid, which is currently out of stock. Query was raised for Item # 105 with additional information for Item # 108 on 05.01.2022 via email and reply received from M/s Solar Turbines on 01.02.2022. Based on revised quotation/bid our comments regarding technical vetting are as under:

- ✓1-All the items at Sr. No. 01 to 145 are technically acceptable.
- ✓2-The bidder has modified / replaced the part no. of items at Sr. No. 28, 55, 65, 104 105, 108 & 133. The bidder has confirmed that these parts are exact replacement in form, fit & function of the indented items, hence technically acceptable to us.
- ✓3-The bidder has modified / changed the description of items at Sr. No. 4, 16, 20, 23, 24, 26, 27, 38, 39, 50, 51, 70, 76, 85, 86, 87, 93, 94, 96, 102, 103, 110, 111, 117, 123, 124, 126, 133, & 135. All these items for which descriptions have been changed are however the same as per our requirement, hence, technically acceptable.
- ✓4-The quantities of items at Sr. No. 27, 44, 46, 47, 48, 49 & 109 have been changed as quantity per pack modified/changed by the bidder. The quoted quantities may be treated as final for these items.
- ✓5-The quantity of items at Sr. Nos. 55, 56, 57, 58, 59, 60, 61, 62, & 63 has been reduced to zero due to budgetary constraints, therefore, these may be cancelled.
- 6-The required quantity of item at Sr. No. 52 has been reduced from 72 Nos. to 36 Nos. due to budgetary constraints, therefore, 36 Nos. may be considered as final quantity for this item.
- 7-We are enclosing previous available prices of the items covered in the subject tender enquiry as Annexure-B. Revised Part Numbers and descriptions are also listed in Annexure-B. The difference / fluctuation in current prices of items from previous ones are due to the change in M/s Solar Turbines' vendor, value based pricing model (design, test, tool etc.) and inflation in past two years.
- 8-~~The case may be treated as a whole management sanction rather than item wise.~~

Order may please be processed for timely procurement of the spare parts and capitalization of the budget, if commercially viable.


 * (AATIR MAHMOOD)
 DY. CHIEF OFFICER (PROC.)

*For PPR and Company
 Procurement Rules/
 Procedures.*


 (ABDUL SATTAR)
 DY. CHIEF ENGINEER (COMP.)


 (MIR BAHADUR KHAN)
 GENERAL MANAGER (COMP.)

108

QTY # as In Indent	Description as In Indent	Description Revised by Bladder	P/N as In Indent	P/N Revised by Bladder	Annexure-B
					Last PO UNIT Price (USD)
1	ROLLER RING (24/PKT)		909071C2		32.3
2	WASHER FLAT (25/PKT)		816634216		0.15
3	NUT LOCK .625-11, CRES 410		903111C1		8.47
4	WASHER HARDENED, 5/8" (10/PKT)		1010477		1.799
5	BOLTS, PT# 903118C1		903118C1		3.82
6	Bolts, Part # 903115C1		903115C1		4.49
7	GEAR PINION T-40/45 907803C1		907803C1		1399.44
8	Bolts Part # 22542R1		22542R1		0.3224
9	PLSATE BOLT LOCKING P/N:		909139C1		1.08
10	LOCKWASHER 0.250" (25/PKT)		25458R1		0.11
11	WASHER (25/PKT) 908171C1		908171C1		0.29
12	END ROD MALE R/H		908216C1		70.55
13	EB-Turnbuckle, Pt # 907784C1, Gas		907784c1		154.34
14	SNAP RING	RING, RETAINING, BEVELED	23416R1		80.48
15	BOLT, PT# 903117C1 FOR		903117C1		4.16
16	EB PIN TRUNNION	PIN, ROUND, LOCATING, 2.50 IN DIA	905954C1		74.96
17	WASHER, Hardened, .375 NOM,		701642C1		0.1144
18	# 4 Seal Ring, (136178-1)		136178-1		908.38
19	PIN CLEVIS (4/PKT)		MS 20392-2C13		0.53
20	PIN (8/PKT)	PIN, RETAINING, 0.1835 IN DIA X	914256C1		6.28
21	END PLATE, RETAINER BEARING,		192038-1		234.81
22	Cap Screw, B-32 x 0.38", Pt #		192036-1		4.63
23	Tilt Pad Standard, Part # 191296-1	PAD, BEARING, TILT	191296-1		149.93
24	DS-Bearing Tilt-Pad Part # 191296-	BEARING, 3.2405 ID	191296-9		241.43
25	Pad, Bearing, Tilt- Part # 191296-3		191296-11		133.39
26	Baring, TiltPads, Part # 191296-15	PAD, BEARING, TILT	191296-15		149.92
27	SCREW 908914C1	BOLT, HEX, 10-24 X 1 IN, GR 5	908914C1		0.26
28	# 3 Seal Ring (907952C2)		907952C2	907952C1	490.57
29	PIN (5/PKT) 117145-10		117145-10		5.73
30	PIN (5/PKT) 117145-11		117145-11		5.73
31	PIN, BRG P/N: 117145-12		117145-12		5.73
32	PINS-BRG-T/PAD P/N: 117145-13		117145-13		5.73
33	PIN (5/PKT), P/N 117145-14		117145-14		5.73
34	PINS P/N: 117145-15		117145-15		5.73
35	PINS P/N: 117145-16		117145-16		5.73
36	Nut, Rotor Part # 909055C1		909055C1		514.82
37	Nut, Center Stud, Centaur Turbine T-40/ T-45		909052C1		981.14
38	Compressor Disk Assembly Stage 10, Matched Set, Part # 127387-701 & 136070-402	DISK ASSY, CMPSR, STG 10	136070-402		33031.21
39	Hub Assembly, Aft, Compressor, Centaur Turbine T-47, Part No. 138343-201		138343-201		11432.58
40	RC-Bolt, Center Compressor,	CENTER STUD, CMPSR	909067C2		10306.34
41	RC-Stud, Center CPRSR to Turbine Part # 907776C2		907776C2		6500.63
42	THRUST COLLAR (907932C4)		907932C4		974.52

# as in Order Enq	Description as in Indent	Description Revised by bidder	P/N as in Indent	P/N Revised by bidder	Annexure-B
					Last PO UNIT Price (USD)
43	NUT, THRUST COLLAR (909063C1)		909063C1		539.07
44	BLADE, CMPSR, STG 1 (17/PKT) (T-45) (134592-6)		134592-6		451.98
45	RC-BLADE 2ND STG (949916C6)		949916C6		455.29
46	BLADE, FAB, CMPSR, STG 5, ROTOR (32/PKT) (907876D6A)		907876D6A		197.33
47	RC-COMPR BLADE STG 6 (33/PKT) (909626C5)		909626C5		171.97
48	BLADE, CMPSR, STG 8 (41/PKT) (192674-2)		192674-2		121.26
49	BLADE, CMPSR, STG 10 (37/PKT) (192674-4)		192674-4		119.60
50	NUT (36/PKT) 908134C1	NUT, BARRLE, 0.25-28UNF-3B	908134C1		7.76
51	BALL ACTUATING VANE	VALVE, BALL, 0.145 IN, 0	909057C1		3.53
52	Vane Inlet Guide Part # 949110C5		949110C5		577.51
53	Bushing Inner (36/PKT). Pt # 171428-1, Turbine Engine		171428-1		2.03
54	ROLLER IGV (6/PKT)		907752C2		48.51
55	VANE 1ST. STAGE STATOR FOR T-40/45		127370-201	197051-3	519.23
56	VANE, STATOR STAGE, 2 COATED		197052-3		395.76
57	CF-S STG, 4CTD STATOR ASSEMBLY		302234-100		5115.98
58	CF-S CT'D STATOR ASSY STAGE 5TH, Pt # 302235-100		302235-100		5165.33
59	CF-S CT'D STATOR ASSY STAGE 6TH, Pt # 302236-100, Turbine Engine		302236-100		5058.01
60	CF-S CT'D STATOR ASSY STAGE 7TH, Pt # 302237-100, Turbine Engine		302237-100		5096.00
61	CF-S CT'D STATOR ASSY STAGE 8TH, Pt # 302238-100, Turbine Engine		302238-100		4990.02
62	CF-S STG-9 CTD STATOR ASSY 302239-100		302239-100		5081.68
63	CF-S CT'D STATOR ASSY STAGE 10TH, Pt # 302240-100, Turbine Engine		302240-100		5027.61
64	CF-S Stage.11 CTD Stator Assembly		302241-100		8145.89
65	Liner Combustor Turbine		128218-501	128218-800	133568.99
66	Bolt, Hex, 0.375-16 X 1.75 In, GR, Part # 22525R1		22525R1		0.11
67	Thin Locknut, 965060C1		965060C1		0.32
68	Bolt Hex Hd, 912358C1		912358C1		0.93
69	NUT LOCK (30/PKT) 918747C1		918747C1		1.90
70	Bolts, Part # 903126C1	BOLT, HEX, 0.625-11 X 1.75 IN B6	903126C1		3.83
71	Tipshoe, Segment, Stage 2, P/N: 135407-4		135407-4		1600.00
72	Tipshoe, Segment, Stage 2, P/N: 135407-5		135407-5		1600.00

Sr. # as In Tender Enq.	Description as In Indent	Description Revised by bidder	P/N as In Indent	P/N Revised by bidder	Last PO UNIT Price (USD)
73	Tipshoe, Segment, Stage 2, P/N: 135407-6		135407-6		1363.61
74	Tipshoe, Segment, Stage 2, P/N: 135407-7		135407-7		1363.61
75	Tipshoe, Segment, Stage 2, P/N: 135407-8		135407-8		1363.61
76	AF Tip Shoe Part # 135407-9	TIPSHOE, SEGMENT, STG 2	135407-9		1565.41
77	Tip Shoe Segment part # 135407-10		135407-10		1565.41
78	Tipshoe, Segment, Stage 1, P/N: 135406-4		135406-4		1600.00
79	Tipshoe, Segment, Stage 1, P/N: 135406-5		135406-5		1600.00
80	Tipshoe, Segment, Stage 1, P/N: 135406-6		135406-6		1241.93
81	Tipshoe, Segment, Stage 1, P/N: 135406-7		135406-7		1223.31
82	Tipshoe, Segment, Stage 1, P/N: 135406-8		135406-8		1249.78
83	AF SHOE TIP		135406-9		1495.96
84	Tipshoe, Segment, Stg 1, Part # 135406-10		135406-10		1452.96
85	Eb-P FS Seal Tip Shoe 2nd Stage Part # 124316-2	SEAL, STRIP	124316-2		2.70
86	SEAL TIP SHOE 1ST STAGE 124316-1	SEAL, STRIP	124316-1		2.70
87	Seal Honey Comb (907818C3)	SEAL, INTERSTAGE	907818C3		754.36
88	PLATE BOLT LOCKING 917715C1		917715C1		1.58
89	BOLT 0.50-13*1-0 IN.		903123C1		1.90
90	SPRING TUBE TRANSFER		947241C1		5.73
91	GF Split Washer, Part # 949808C2 For Centaur T-47 Gas Turbine		949808C2		3.83
92	TUBE TRANSFER (44/PKT)		949968C2		6.19
93	Locknuts part # MS9357-10	NUT, HEX, 0.25-28UNF-338, SILVER	MS9357-10		5.63
94	1st Stage Impingement Nozzle	NOZZLE SEGMENT ASSY, STG 1	191049-201		4543.14
95	GF-U Seal Part # 124316-3		124316-3		2.92
96	AF PIN NOZZLE	PIN, ROUND, 0.1855 IN DIA X 0.62	946615C3		3.83
97	SEAL NOZZLE 2ND STAGE		124316-4		4.95
98	Nozzle Segment Assembly Stage 2		179107-200		3423.04
99	Nozzle Segment Assy, Stg 3 Part # 115783-300		115783-300		5366.48
100	NOZZLE PT 115783200		115783-200		5177.97
101	SHIELD BOLT EB		907911C2		93.70
102	RT-WASHER, CENTERBOLT (907906C1)	LOCK WASHER, INT TOOTH, 2.53 IN	907906C1		36.38
103	BOLT CENTER	CENTER STUD, GP	945745C3		9195.60
104	Disk Assembly, Turbine Stage 2		173162-201	173162-202	80963.56
105	GP Disk Assy Stage-1 (INCO) for Centaur Gas Turbine Engine, Part No. 173160-201		173160-201	173160-202	89273.45
106	Blade, Turbine stage 1 (373886-1)		373886-1		535.77
107	Shaft, G/P, Keyphasor, Centaur Turbine T-47, Part No. 300348-1		300348-1		14571.52

Sr. # as in Tender Enq	Description as in Indent	Description Revised by bidder	P/N as in Indent	P/N Revised by bidder	Annexure-II Last PO UNIT Price (US\$)
108	PT blades (172692-2)		172692-2	172692-3	747.43
109	RING RETAINING (6/PKT)		327220R1		2.70
110	Nuts Part # 908741C1	LOCKNUT, 0.625-11UNC-2B, LIGHT	908741C1		9.56
111	LOCKING PLATE BOLTS, PT# 964967C1	LOCKPLATE, 4.11 IN X 1.225 IN, 2	907964C1		2.25
112	Bolts HEX Part # 908743C1		908743C1		5.73
113	BOLT 0.5-13*2.25		701029C1		11.93
114	NUT LOCK.	LOCK NUT, 0.50-13UNC-2B, LIGHT	23819R1		4.84
115	EB-WASHER THRUST FWD (907809C2)		907809C2		401.27
116	PLATE BOLT LOCKING (6/PKT)		907966C1		1.87
117	BOLT PLATE (25/PKT) 22540R1	BOLT, HEX, 0.50-13 X 1.25 IN, GR	22540R1		0.11
118	SEALANT, PT # FSP-100-337 FOR OVERHAULING OF GAS TURBINES, SOLAR TURBINES		FSP-100-337		27.73
119	O-RING (10/PKT) 903246C1		903246C1		0.69
120	Washer, Flat, 0.4375 In, 0.922 OD, Part # 1010452		1010452		0.18
121	LOCK NUT 272712		272712		1.58
122	WASHER LOCK M5		901722090		6.64
123	NUT, PART # 901722440	LOCK NUT, BEARING	901722440		6.63
124	NUT LOCK, PT# 901722560	LOCK NUT, BEARING	901722560		85.99
125	WASHER LOCK		901722210		15.43
126	BEARING BALL 100MM DUPLEX PAIR EB	BEARING,BALL, RADIAL, 3.9368 ID	909105C2		1646.99
127	SHAFT AIR STARTER		909109C1		1074.84
128	SG-Gear Air Starter,Centaur Turbine T-47		909111C3		1219.25
129	KEY WOODRUFF NO-18		124556		1.35
130	BEARING BALL 55MM. BORE		1031438		234.81
131	EB-Spacer, Centaur Turbine T-47, Part No. 909103C1		909103C1		424.42
132	Clutch Sprag, Part # 246120-1 For Centaur T-47 Gas Turbine		246120-1		1362.57
133	GEAR 2ND. STAGE 909116C1	GEAR, STARTER	909116C1	909116C2	1721.95
134	BEARING ROLLER 40MM BORE		909106C1		352.77
135	SHAFT PUMP DRIVE SG	GEAR, PUMP	917864C2		988.85
136	Locknut,Part # 442828 For Centaur T-47 Gas Turbine		442828		0.51
137	BOLTS, PT# 21534R1		21534R1		0.11
138	Nut Selflock, Centaur, 908719C1		908719C1		2.70
139	HEX LOCK NUT 442832		442832		0.78
140	RING SEAL OIL INLET		913077C2		31.97
141	BOLT 912507C1		912507C1		3.83
142	RING SEAL PISTON		911013C1		321.90
143	Bolt,H/H 0.63-11X1.25",Part # 903119C1 For Centure T-47 Gas Turbine		903119C1		4.16
144	Insulation Assy FWD, Housing,Diffuser & Bearing Support Gas Turbing Engine Centaur T-40, Pt # 191634-100		191634-100		1309.65
145	PLATE BOLT LOCKING		907949C1		4.50

Solar Turbines

A Caterpillar Company

Solar Turbines Europe S.A.
Jebel Ali Free Zone (South Zone)
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Date: 14 November 2022
Total Number of Pages: 1

To: SUI Northern Gas Pipeline Limited
General Manager (Procurement),
Gas House, 21-Kashmir Road
P.O. Box 56,
LAHORE – PAKISTAN.
Attn: Mr. Asim Ali Mir
Chief Officer (Procurement), For Managing Director
Cc: Shakeel Ahmed
Fax: 9242-9201302 / 9201275

Solar Ref: SP1047800

Subject: Service Parts Purchase Order C-1926-22 // QS1063196
Service Parts pricing Tender No. SNC-1862-21 // QS1063196

Dear Sir,

Solar Turbines International Company ("Solar") hereby declares its intention to not obtain or induce the procurement of any contract, right, interest, privilege or other obligation or benefit from the Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it ("GOP") through any corrupt business practice.

Solar agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GOP under any law, contract or other instrument, be made void at the option of GOP.

Solar adheres to the highest standards of business ethics and consequently is willing to certify the above. However, Solar is unable to agree to the language as originally proposed by GOP in the Annexure IV – Integrity Pact. Specifically, for reasons of confidentiality and corporate policy, Solar is unable to disclose any details of its relations with persons or entities, if any, that is not party to the proposed contract. In addition, Solar is unable to provide indemnity in such cases.

Yours faithfully,



Mohamed Seddik,
District Manager - Middle East (MEED)
Solar Turbines Europe
Jebel Ali Free Zone, Dubai, UAE
Phone: +971 4 816 8350
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SOLAR TURBINES EUROPE S.A.
P.O. BOX 17779
DUBAI, UAE

Total pages including the cover letter: 1. If you don't receive the total number of pages, please notify the above address.