



# SUI NORTHERN GAS PIPELINES LIMITED

GAS HOUSE, 21 KASHMIR ROAD, P.O. BOX 56, LAHORE (PAKISTAN)

Reference: RA-TAR-21-22(P)-002

Date: December 31, 2020

Registrar,  
Oil and Gas Regulatory Authority,  
Fazal e Haq Road, Blue Area,  
Islamabad.



Part-I

Dear Sir,

**Subject: Petition for Estimated Revenue Requirements (ERR) For FY 2021-22**

- In accordance with Section 8(1) of the OGRA Ordinance 2002 and Rule 4(2) of the Natural Gas Tariff Rules 2002, please find enclosed herewith the Petition for the determination of Estimated Revenue Requirements (ERR) for FY 2021-22 along-with detailed annexure for consideration and approval of the Authority.
- As per the petition, segment wise shortfall for FY 2021-22 and cost of supply of RLNG business is as under:

Description	Amount (Rs. in millions)
Indigenous gas business for FY 2021-22	76,180
Indigenous gas business (Including Previous Years' Shortfall)	378,767
RLNG business - Cost of Supply	41,762

- Due to depletion of gas sources coupled with increase in number of domestic sector consumers and severe winter season, RLNG equivalent to 64,257 BBTU has been projected to be diverted and sold to system gas consumers during FY 2021-22. Total cost of diverted RLNG has been projected at the level of Rs. 90,986 million. Out of the total amount, Rs. 27,940 million has been booked to the system gas segment at average sale price of domestic and commercial consumers while the remaining amount of Rs. 63,046 million has been claimed in RLNG revenue requirement in line with the ECC policy guidelines, issued as on 23.10.2020 (*Annex-A*).
- It is submitted that the Board of Directors (BOD) at its 551<sup>st</sup> meeting held on May 02, 2020 accorded approval for overhauling of 25 Nos. turbine engines (Centaur & Saturn) and 9 Nos. gas compressor boosters in next five years w.e.f. FY 2021-22 to 2025-26 at a cost of Rs. 2,990.00 million. An amount of Rs. 532.58 million being capital expenditure for FY 2021-22 has been included in the instant petition. Copy of BOD approval alongwith the agenda is attached as *Annex-B*.
- Additional Revenue Requirement in respect of LPG Air Mix business has been computed as Rs. 167 million and same has been claimed under the head of Normal business.
- The BOD in its 534<sup>th</sup> meeting held on September 04, 2019 has approved an amount of Rs. 381 million for establishment of Regional Office at Karak alongwith up-gradation of CSCs to sub-urban offices at Danna and Hangu. The Company has already requested the Authority for approval of the establishment of Karak Office only in FY 2020-21 having total capital & Revenue expenditure of Rs. 243 million.

It is highlighted that Company has already undertaken Phase-1 of project of Rehabilitation/extension of new network in Oil and Gas producing districts (Karak etc) of Khyber Pakhtunkhwa worth Rs. 1.945 billion which was approved by ECC and Federal Cabinet on the recommendations of Development

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# SUI NORTHERN GAS PIPELINES LIMITED

GAS HOUSE, 21, KASHMIR ROAD, P.O. BOX 56, LAHORE (PAKISTAN)

Working Party (DWP). Site work against this project was started in January 2020 and so far more than 280 Km network has been laid. Around 19,000 domestic connections are also to be installed against Phase-1. Federal Government as well as Provincial Government of Khyber Pakhtunkhwa are keen to undertake phase-2 of the project for which funds are expected to be released shortly.

In view of the above, it is submitted that up-gradation of Karak office only will not serve the purpose completely as the company required approval of Karak as region as well as up-gradation of CSCs to sub-area office at Hangu and Hangu. The Authority is requested to kindly allow the establishment of Karak as regional office alongwith the upgradation of CSCs as approved by BOD. Accordingly the balance amount of Rs. 138 million (i.e. 381-243=138) is being include in the instant petition.

7. Accordingly, the Authority is requested to increase the prescribed prices/sale prices in each category of consumers as under w.e.f from July 01, 2019.

Description	Amount (Rs. per MONTH)
Indigenous gas business for FY 2021-22	200.79
Indigenous gas business (Including Previous Years' Shortfall)	998.31
RLNG business - Cost of Supply	138.96

8. In compliance of the direction of the Authority, while details are enclosed separately (*Annex-C*), following is the summary of budgets, being submitted to the Authority for revalidation in FY 2021-22. The figures are estimated and prepared by accounting for capitalization actualized up to FY 2019-20 and capitalization projected for FY 2020-21 based on targets as well as physical progress communicated by different executing departments. Owing to this very reason, the provided figures may vary upon actualization of capitalization at the close of FY 2020-21, which will be reported / apprised to the Authority at the time of FRR 2020-21.

Description	Amount (Rs. in millions)
Special Projects	16,768
Distribution Development	41,855
Regular Capital Expenditure	2,634
<b>Total</b>	<b>61,257</b>

9. Since RLNG revenue shortfall is likely to be recovered in future months, therefore it is requested that the associated finance cost should also be determined and made part of RLNG end consumer price.
10. Bank draft No. 01658847 drawn on Habib Metropolitan Bank Ltd. Islamabad Branch (IO), Islamabad, of Rs. 1,000,000/- being the fee for the above mentioned petition is enclosed.

  
(KAMRAN AKRAM)  
General Manager (RA)  
for Managing Director

Encl: As Above

**PETITION FOR ESTIMATED  
REVENUE REQUIREMENT  
FOR FY 2021-22**



**SUI NORTHERN GAS PIPELINES LIMITED**  
**PETITION FOR REVIEW OF ESTIMATED REVENUE REQUIREMENT**  
**FOR FY 2021-22**

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**SUI NORTHERN GAS PIPELINES LIMITED**  
**Petition for Estimated Revenue Requirements**  
**Financial Year 2021-22**

# Schedule I of Tariff Rules 2002

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APPLICATION FORM	
Reference number	Date December 31, 2020
Company Profiles	
1. Name of the Petitioner	
<ul style="list-style-type: none"> <li>Sui Northern Gas Pipelines Limited</li> </ul>	
2. Full address of the Petitioner	
<ul style="list-style-type: none"> <li>21, Kashmir Road, Lahore 54000</li> </ul>	
3. The grounds giving rise to the Petitioner's interest forming the basis of the Petition	
<ul style="list-style-type: none"> <li>Capital &amp; Revenue Budget estimates for the FY 2021-22</li> <li>Overhauling of 25 Nos. turbine engines (Conaour &amp; Sabun) and 9 Nos. gas compressor boosters w.e.f. FY 2021-22 to 2025-26</li> <li>Revalidation of previous year's capital budgets.</li> </ul>	
4. Number and details of the License	
<ul style="list-style-type: none"> <li>License number NG 002/2003</li> </ul>	
<b>Transmission of Natural Gas</b>	
<ul style="list-style-type: none"> <li>i. Construction and operation of pipelines for the purpose of transmission of natural gas; and</li> <li>ii. Transmission of natural gas through transmission system of the Licensee</li> </ul>	
<b>Distribution and Sale of Natural Gas</b>	
<ul style="list-style-type: none"> <li>i. Construction and operation of pipelines for the purpose of distribution and sale of natural gas throughout the territories of Province of Punjab, North West Frontier Province (NWFP), Federal Capital, Federally Administered Tribal Area (FATA), Azad Jammu and Kashmir (AJK) and those areas of Province of Sindh where the Licensee operates natural gas distribution system prior to the date of issuance of the License and ;</li> <li>ii. Distribution and sale of natural gas through the distribution system of the Licensee within its authorized area, with an exclusive right till 30<sup>th</sup> June 2010 to distribute and sell natural gas to its existing consumers and such consumers as are connected to its distribution system on or before 30<sup>th</sup> June 2005.</li> </ul>	

<p>5. State, in concise manner, the grounds and facts forming the basis of the Petition and the relief or determination sought from the Authority:</p> <ul style="list-style-type: none"><li>• Our projections for FY 2021-22 reflect an increase of Rs. 998.31 per MMBTU including previous years' shortfall (Rs. 200.79 per MMBTU for FY 2021-22 only) in normal business and Rs. 138.96 per MMBTU as cost of supply for RLNG business.</li></ul>
<p>6. Summary of evidence giving brief particulars of the data, facts and evidence in support of the Petition.</p> <ul style="list-style-type: none"><li>• Statement showing revenue requirement calculation is attached.</li></ul>
<p>7. Other Petitions filed with the Authority at the time of filing of this Petition and which directly and significantly of any material effect, the grant and denial of those Petitions will have on those other Petition are mentioned below:</p> <ul style="list-style-type: none"><li>• Motion for Review against Determination of Estimated Revenue Requirement (DERR) FY 2020-21,</li><li>• Review of Estimated Revenue Requirement (RERR) FY 2020-21,</li><li>• Motion for Review against Determination of Final Revenue Requirement (DFRR) FY 2018-19,</li><li>• Petition of Final Revenue Requirement (FRR) for FY 2019-20</li></ul>
<p>8. Petition to be accompanied by details of the following market data :</p> <ul style="list-style-type: none"><li>➤ Number and consumption details of consumers likely to be affected by the Petition.</li><li>➤ If the Petitioner is a licensee, an estimate of the volume of natural gas to be transmitted, distributed and sold.</li><li>➤ The Petitioner's total annual peak day natural gas requirement; and</li><li>➤ The Petitioner's forecast of yearly capital expenditure for five years including year under review</li></ul>

Lahore, December 31, 2020

  
(KAMRAN AKRAM)  
General Manager (RA)  
& Managing Director

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### Forecast of yearly capital expenditure

	2021-22	2022-23	2023-24	2024-25	2025-26
LAND FREEHOLD	3	35	40	42	42
BUILDING ON FREEHOLD LAND	648	100	100	105	105
TRANSMISSION MAINS	1,821	3,100	3,500	3,700	3,900
DISTRIBUTION MAINS	69,594	32,000	33,000	33,000	33,000
COMPRESSORS STATION EQUIP.	576	481	685	567	725
TELECOMMUNICATION EQUIPMENT	44	15	17	18	18
PLANT AND MACHINERY	1,631	1100	1,250	1,313	1,380
MEASURING AND REGulating DEVICES	13,272	7,500	8,000	8,500	9,000
TOOLS AND EQUIPMENT	42	250	280	294	300
MOTOR VEHICLES	206	300	325	341	360
CONSTRUCTION EQUIPMENT	551	200	220	231	243
FURNITURE & FIXTURES	72	50	55	58	61
OFFICE EQUIPMENTS	41	50	50	53	56
COMPUTER HARDWARE	408	200	220	231	243
COMPUTER SOFTWARE SYSTEM	31	100	110	116	123
SCADA SYSTEM	-	-	-	-	-
<b>Total</b>	<b>88,939</b>	<b>45,481</b>	<b>47,852</b>	<b>48,569</b>	<b>49,556</b>

#### Consumers

Category of consumers	No.	Total
Industrial	No.	7,686
Commercial	No.	72,763
Domestic	No.	8,871,198
	<b>No.</b>	<b>8,951,647</b>



**AFFIDAVIT**

I hereby certify and declare that the information given in the Petition for Estimated Revenue Requirements FY 2021-22 is correct and complete in all respects to the best of my knowledge.



(KAMRAN AKRAM)  
General Manager (RA)  
Managing Director

Lahore, December 31, 2020

**SUI NORTHERN GAS PIPELINES LIMITED**  
**TARIFF CALCULATION SHEET**  
**ESTIMATED REVENUE REQUIREMENT**  
**For Financial Year 2021-22**

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Particulars	Principally Related to General Consumers <small>(Please refer to the Tariff Schedule)</small>	Partially Related to LNG Consumers
<b>1 Gas Sales</b>		
1A Sales Volume (MMCF)	195,177	
1D Sales Volume (MMBTU)	379,409	300,128
1C Calorific Value	960.16	
<b>2 Net Operating Revenue</b>	<i>Revenue</i>	
Sales at Set Price	211,900	
Karakoram Service Charges	4,100	
Surcharge & Interest on Gas Sales Arrears (LPH)	9,348	
Amortisation of Deferred Credit	3,950	149
Other Operating Income	1,864	
<b>2A Total Income</b>	<b>231,162</b>	<b>149</b>
<b>Less: Expenses</b>		
Cost of Gas	191,172	
COG disallowance	(750)	
IRR Cost (Net of Capital Allocation)	13,589	10,764
Operating Cost (Net of Capital Allocation)	8,671	5,422
Gas Internally Consumed (Net of Capital Allocation)	1,285	6,675
Depreciation	26,722	3,386
Transportation charges payable to SROC	-	7,117
Late Payment Surcharge (Payable)	35,778	-
Finance cost for Working capital	475	1,766
Reprogn. Off-set at Karak (Sub areas and CSCs)	90	-
WTPP	1,059	230
<b>2B Total Expenses</b>	<b>278,471</b>	<b>35,378</b>
<b>2C: Return obtainable (2A - 2B)</b>	<b>(47,309)</b>	<b>(35,229)</b>
<b>3 Required Return on Net Fixed Assets</b>		
Net Operating Fixed Assets at Beginning	131,504	41,115
Net Operating Fixed Assets at End	216,622	38,945
<b>3A AVERAGE NET ASSETS</b>	<b>187,078</b>	<b>39,932</b>
Delivered Credit Upstream	22,194	1,225
Delivered Credit Downstream	22,212	2,779
<b>3B AVERAGE DEFERRED CREDIT</b>	<b>22,222</b>	<b>2,002</b>
<b>3C: Average Net Operating Fixed Assets (3A - 3B)</b>	<b>164,856</b>	<b>37,930</b>
<b>3D Required Return on Net Assets - In Percentage</b>	<b>17.43%</b>	<b>17.43%</b>
<b>3E Required Return (3C x 3D)</b>	<b>28,001</b>	<b>6,547</b>
<b>4 (Surplus) / Shortfall for FY 2021-22/RLNG cost of supply (Gas Operations)</b>	<b>76,015</b>	<b>41,762</b>
<b>5 Additional Revenue Requirement for LNG Air Mix Project</b>	<b>157</b>	
<b>6 (Surplus) / Shortfall for FY 2021-22/RLNG cost of supply</b>	<b>76,169</b>	<b>41,762</b>
<b>Increase/(decrease) in Prescribed Prices for FY 2021-22 (without above 4-6) pertains to previous years)</b>	<b>200.79</b>	<b>188.96</b>
7(a) Shortfall upto FY 2017-18 (As per Accounts)	122,177	-
7(b) Shortfall of FY 2018-19 (As per Accounts for the year against DEPRILY 2018-19)	64,956	-
7(c) Shortfall of FY 2019-20 (As per ERR FY 2019-20)	87,664	-
7(d) Shortfall of FY 2021-22 (As per PSMP 21-22-21)	24,691	-
<b>7 Total Cumulative Previous Year Shortfall upto FY 2020-21</b>	<b>299,588</b>	
<b>8 Cumulative (Surplus) / Shortfall/RLNG cost of supply</b>	<b>378,767</b>	<b>41,762</b>
<b>9 Increase / (decrease) in Prices / Cost of Supply of RLNG (inclusive of shortfall pertaining to previous years)</b>		
<b>Request for WMBTC</b>	<b>998.51</b>	<b>138.96</b>
<b>10 Impact of RLNG (Inverted towards System Gas Consumers to be charged by RLNG Consumers)</b>		<b>63,046</b>

**Note:**

- 1) Maximum disallowance / penalty under rule 28 of Natural Gas Licensing Rules is Rs 250 million.
- 2) The operating cost has been allocated to RLNG and indigenous business on the basis of sales volume.

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**Existing and Suggested Prescribed Prices as per  
Rule 4(4)b**

		Current Prescribed Prices <small>(As per O.D. No. 24/2009 dated 26.10.2009)</small>	Revised Average Prescribed Prices <small>(From July 01, 2012)</small>
<b>1 Domestic consumers</b>			
<b>A STAND ALONE METERS</b>			
<b>B mosques, churches, temples, madrasas, other religious places and homes attached thereto</b>			
	Upto 50 Cubic Meters Per Month	121.00	1,698.44
	Upto 100 Cubic Meters Per Month	300.00	1,698.44
	Upto 200 Cubic Meters Per Month	513.00	1,698.44
	Upto 300 Cubic Meters per Month	738.00	1,698.44
	Upto 400 Cubic Meters Per Month	1,107.00	1,698.44
	Over 400 Cubic Meters Per Month	1,460.00	1,698.44
 <i>Government and semi-Government offices, hospitals, Clinics, University Houses, Companies guest houses, Armed Forces messes and canteens, Welfare cells, colleges, schools, primary educational institutions, orphanages and other charitable institutions working with Ministry and Government Colonies in which Gas is supplied through bulk meters including separate power</i>			
	All off-takes at flat rate of	780.00	1,698.44
<b>2 COMMERCIAL CONSUMERS</b>			
<i>All establishments registered as commercial units with local authorities or dealing in consumer goods for direct commercial sale into other retail shops, or stalls, outdoor market stalls, laundries, restaurants, places of entertainment, life insurance clubs and societies, private offices, corporate houses etc.</i>			
	All off-takes at flat rate of	1,383.00	1,698.44
<b>3 Special Commercial Consumer (Rakti Tundoor)</b>			
	Upto 50 Cubic Meters Per Month	110.00	1,698.44
	Upto 100 Cubic Meters Per Month	110.00	1,698.44
	Upto 200 Cubic Meters Per Month	220.00	1,698.44
	Upto 300 Cubic Meters per Month	220.00	1,698.44
	Over 300 Cubic Meters per month	710.00	1,698.44
<b>4 Ice Factories</b>			
	All off-takes at flat rate of	1,283.00	1,698.44
<b>5 General Industrial consumers</b>			
<i>All consumers engaged in the processing of industrial raw material into value added finished products irrespective of the volume of gas consumed including steel industry but excluding such industries for which a separate rate has been prescribed</i>			
	All off-takes at flat rate of	1,054.00	1,698.44
<b>6 Zero Rated Consumers (Industrial &amp; Cottage)</b>			
	All off-takes at flat rate of	849.00	1,698.44
<b>7 CNG Stations</b>			
	Region-I All off-takes at flat rate of	1,371.00	1,698.44
	Region-II All off-takes at flat rate of	1,150.00	1,698.44

**Existing and Suggested Prescribed Prices as per  
Rule 4(4)b**

		<b>Current Prescribed Prices</b> <small>(As per NCR's Implementation 24.03.2018)</small>	<b>Revised Average Prescribed Prices</b> <small>(As of 01.01.2019)</small>
<b>8</b>	<b><u>Current Lines/lines</u></b>		
	All off-takes at flat rate of	1,277.00	1,698.44
<b>9</b>	<b><u>Fertilizer Packages</u></b>		
	Peak work All off-takes at flat rate of	302.40	1,698.44
	Consumed for Fuel for Electricity Generation, steam and heating boilers		
	(a) <i>Fab-American Fertilizer Limited, Durgam</i>		
	All off-takes at flat rate of	1,023.00	1,698.44
	(b) <i>Pinkstar Fertilizer Limited, Malur</i>		
	All off-takes at flat rate of	1,023.00	1,698.44
	(c) <i>Dawood Hercules Chemicals Limited, Chikbaki Maleba, Southrupur District</i>		
	All off-takes at flat rate of	1,023.00	1,698.44
	(d) <i>Fab-China Fertilizer Limited/ Super Phosphate Plant Limited, Harijpur</i>		
	All off-takes at flat rate of	1,023.00	1,698.44
	(e) <i>Engro Fertilizer Company Limited</i>		
	Peak work All off-takes at flat rate of	50.70	1,698.44
	Consumed for Fuel for Electricity Generation, steam and heating boilers	1,023.00	1,698.44
<b>10</b>	<b><u>POWER STATIONS</u></b>		
	(a) <i>WAPDA's Power Stations and other electricity utility companies excluding WAPDA's Natural Gas Turbine Station, Nishatabad, Rahatpur</i>		
	All off-takes at flat rate of	857.00	1,698.44
	(b) <i>WAPDA's Natural Gas Turbine Station, Nishatabad, Rahatpur</i>		
	All off-takes at flat rate of	857.00	1,698.44
	Fixed Charge (Drops per month)	390,000.00	390,000
	(c) <i>Liberty Power Limited</i>		
	All off-takes at flat rate of	1,111.42	1,698.44
<b>11</b>	<b><u>Gasifier Power</u></b>		
	All off-takes at flat rate of	1,087.00	1,698.44
<b>12</b>	<b><u>Indigenous Power Projects</u></b>		
	All off-takes at flat rate of	857.00	1,698.44

**SUI NORTHERN GAS PIPELINES LIMITED**  
**ESTIMATED REVENUE REQUIREMENT FOR FY 2021-22**  
**Working of Cost of Supply RLNG to be Taken In Monthly RLNG Price Determinations**

Particulars	Amount
<b>Quantitative Data</b>	<b>MMBTU</b>
RLNG Input	392,833
Retainage / gas used in PSKU @ 0.75%	(2,946)
GIC - SSGCL network @ 0.5%	(1,964)
GIC - SNGPL network @ 1.2%	(4,714)
UFG @ 1.69%	(18,421)
RLNG Diverted to System Gas Consumers	(61,257)
Net RLNG sold	<b>300,528</b>
<b>Cost Components</b>	<b>Million Rs.</b>
Amortization of Deferred Credit	(149)
Depreciation	3,386
Return on Assets	6,541
HR and other relevant costs allocated to RLNG	16,186
Gas Internally Consumed SNGPL	6,675
Transportation charges payable to SSGC	7,117
Finance cost for working capital	1,766
Finance cost on LNG financing	-
WPPF	239
<b>Total</b>	<b>41,762</b>
<b>Rs/ MMBTU</b>	<b>138.96</b>

**Diversion of RLNG towards Indigenous Gas Consumer**

RLNG to be Sold as System Gas	MMCF	60,907
	MMBTU	64,257
Cost of RLNG Sold as System Gas @ avg cost of RLNG Purchased i.e. Rs. 1416/MMBTU (A)	Rs. in Million	90,986
Cost of RLNG Sold as System Gas booked in indigenous gas @ avg sale price of Commercial and Domestic i.e. 436.12/MMBTU (B)	Rs. in Million	27,940
<b>Impact of Diversion of RLNG to Indigenous Gas consumers to be charged to RLNG consumer (A-B)</b>	Rs. in Million	<b>63,046</b>
<b>Impact of Diversion of RLNG to Indigenous Gas consumers to be charged to RLNG consumer</b>	MMBTU	<b>269.78</b>

**Assumptions:**

1. Input volume has been taken as 1030 MMCFD or GCV of 1055 BTU/SCF.
2. Retainage has been assumed @ 0.75% of RLNG input.
3. GIC has been assumed as 1.70% of RLNG input (1.2% in SNGPL network while 0.5% in SSGC network).
4. Avg. UFG %age has been assumed as 1.69% of RLNG input based on the actual data of FY 2019-20.
5. GIC has been valued at the average purchase price of Rs. 1,416/MMBTU, assuming Brent price @ \$55/bbl and slope as 13.37% plus additional port charges as \$0.10/MMBTU while other cost on account of custom duty, registration charges and retainage @ \$100/MMBTU has been taken.
6. It is assumed that cost of GIC in SSGC network is included in the transportation charges payable to SSGC.

Cost of RLNG purchased (\$/MMBTU)	8.45
Cost of RLNG purchased (Rs/MMBTU)	1,415.96





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DELPHI TRADING AND INVESTMENT CO  
QUARTERLY FINANCIAL STATEMENT YEAR 2011-12

Category	Qty	Unit Price	Value	Qty	Unit Price	Value	Qty	Unit Price	Value	Qty	Unit Price	Value	Qty	Unit Price	Value	Qty	Unit Price	Value	Qty	Unit Price	Value			
<b>DAIRY</b>																								
MILK	100	1.50	150	100	1.50	150	100	1.50	150	100	1.50	150	100	1.50	150	100	1.50	150	100	1.50	150	100	1.50	
<b>MEAT</b>																								
CHICKEN	50	100	5000	50	100	5000	50	100	5000	50	100	5000	50	100	5000	50	100	5000	50	100	5000	50	100	5000
<b>VEGETABLES</b>																								
ONION	1000	10	10000	1000	10	10000	1000	10	10000	1000	10	10000	1000	10	10000	1000	10	10000	1000	10	10000	1000	10	10000
<b>FRUIT</b>																								
APPLE	200	50	10000	200	50	10000	200	50	10000	200	50	10000	200	50	10000	200	50	10000	200	50	10000	200	50	10000
<b>GRANULES</b>																								
WHEAT	1000	100	100000	1000	100	100000	1000	100	100000	1000	100	100000	1000	100	100000	1000	100	100000	1000	100	100000	1000	100	100000
<b>OTHER</b>																								
TEA	100	100	10000	100	100	10000	100	100	10000	100	100	10000	100	100	10000	100	100	10000	100	100	10000	100	100	10000
<b>TOTAL</b>																								
TOTAL PURCH																								
TOTAL SALES																								
TOTAL INVENTORY																								
TOTAL DEBT																								
TOTAL EQUITY																								

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50 MEMBERS GOVERNMENT LIMITED  
 BALANCE SHEET FOR THE FINANCIAL YEAR 2014

CATEGORIES

AMOUNT	SALES	PREMIUMS	SALES	REVENUE	AVG No. of	PERIOD	KMS	SCV	WVPU	Q INT	REPAIRED	PKS-1	CHARGES	PKS-2	PKS-3	PKS-4	PKS-5	PKS-6	PKS-7	TOTAL	REMARKS
10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>TOTAL</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>

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SUN WORKBRIGHT GAS DIESEL CROSS COUNTRY  
GAS SALES FOR THE MONTH OF APRIL 2002

AREA	SALE PRICE PER GALLON	QUANTITY SOLD	GROSS SALES	GROSS RECEIPTS	GROSS PAYMENTS	NET SALES	NET RECEIPTS	NET PAYMENTS	NET BALANCE	SALES TAX	SALES TAX RECEIPTS	SALES TAX PAYMENTS	NET SALES TAX	AMOUNT OF SALES TAX	AMOUNT OF SALES TAX RECEIPTS	AMOUNT OF SALES TAX PAYMENTS	NET SALES TAX RECEIPTS	NET SALES TAX PAYMENTS	NET SALES TAX BALANCE	TOTAL SALES TAX RECEIPTS	TOTAL SALES TAX PAYMENTS	TOTAL SALES TAX BALANCE	TOTAL SALES TAX RECEIPTS LESS TOTAL SALES TAX PAYMENTS	TOTAL SALES TAX BALANCE
ALL SALES		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															
SALES TAX		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															
TOTAL SALES TAX		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															
SALES TAX RECEIPTS		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															
SALES TAX PAYMENTS		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															
SALES TAX BALANCE		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															
TOTAL SALES TAX RECEIPTS LESS TOTAL SALES TAX PAYMENTS		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															
TOTAL SALES TAX BALANCE		1000	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00															

00000018



STC SOUTHERN GAS FROM UNIS JV LIMITED  
4-CLASS PAID-UP SHARE CAPITAL YEAR 3 31-12

CATEGORY	UNIT	SHEILY	REPTON	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	TOTAL
				100%														PRICES
WATER																		
38-380-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
44-000-00-000-000	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150
60-000-00-000-000	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150
80-000-00-000-000	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150	5150
TOTAL WATER	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530	24530
POWER																		
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
TOTAL POWER	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650
TELECOM																		
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
TOTAL TELECOM	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650
PROPERTY																		
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
TOTAL PROPERTY	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650
FINANCE																		
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
00-000-00-000-000	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730	8730
TOTAL FINANCE	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650	43650
TOTAL	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650	118650

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00000020



CATEGORY	TAX NO. QTY	SALE PRICE UNIT PRICE	INVENTORY	SALE PRICE	PRC	SALE PRICE	PRC	SALE PRICE	PRC	SALE PRICE	PRC	MAY-2016		TOTAL	TOTAL	TOTAL	TOTAL	
												QTY	PRICE					QTY
NOVAK SALL		85.00	40.00	85.00	65.00													
NOVAK SALL		85.00	40.00	85.00	65.00													
NOVAK SALL		85.00	40.00	85.00	65.00													
NOVAK SALL		85.00	40.00	85.00	65.00													
TOTAL		85.00	40.00	85.00	65.00							1.00	1.00	1.00	1.00	1.00	1.00	1.00
NOVAK SALL		85.00	40.00	85.00	65.00													
NOVAK SALL		85.00	40.00	85.00	65.00													
NOVAK SALL		85.00	40.00	85.00	65.00													
TOTAL		85.00	40.00	85.00	65.00							1.00	1.00	1.00	1.00	1.00	1.00	1.00
NOVAK SALL		85.00	40.00	85.00	65.00													
NOVAK SALL		85.00	40.00	85.00	65.00													
NOVAK SALL		85.00	40.00	85.00	65.00													
TOTAL		85.00	40.00	85.00	65.00							1.00	1.00	1.00	1.00	1.00	1.00	1.00



CATEGORY	AVE		SALE		PERCENT		GROSS		NET		FINANC		TAXES		TOTAL		DEBT		TOTAL		
	NO.	AMOUNT	REVENUE	EXPENSE	PROFIT	LOSS	PROFIT	LOSS	PROFIT	LOSS	PROFIT	LOSS	PROFIT	LOSS	PROFIT	LOSS	PROFIT	LOSS	PROFIT	LOSS	
<b>TRADE</b>																					
ADVERTISING	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
COMMISSIONS	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
<b>GENERAL</b>																					
RENT	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
UTILITIES	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
INSURANCE	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
REPAIRS	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
DEPRECIATION	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
SALARIES	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
WAGES	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
DEPARTMENTS	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
TOTAL GENERAL	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
<b>TOTAL</b>																					
TOTAL GENERAL	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
TOTAL TRADE	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
<b>TOTAL NET</b>																					
TOTAL NET GENERAL	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
TOTAL NET TRADE	1	100.00	100.00	-	100.00	-	100.00	-	100.00	-	-	-	-	-	-	-	-	-	-	100.00	
<b>TOTAL NET</b>																					



PERFORMANSA DAN KEKUALIFAN JONKID  
GUSALAN LIMA JEM BERANOMAL VIKAS 2011

NO.	SALE MATERIAL	PERKES MATERIAL	SIZE MATERIAL	PROFUSION MATERIAL	SIZE MATERIAL	PROFUSION MATERIAL	NO. of MATERIAL	MARKET MATERIAL	MOULT MATERIAL	BUY MATERIAL	NO. of MATERIAL	B. PRO MATERIAL	SALD PRO MATERIAL	PROFIT MATERIAL	TOTAL MATERIAL	PROFIT MATERIAL	PROFIT MATERIAL	TOTAL MATERIAL	RISK MATERIAL
MATERIAL																			
1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL																			

00000025



SALES BY PRODUCT CATEGORY BY MONTH  
 GAS SALES COMBUSTIBLES BY MONTH

DATE	MATERIAL	PRICE	QUANTITY	AMOUNT	TAXES	TOTAL	CREDIT	BALANCE	SALES BY MONTH		TOTAL
									1974	1975	
1-1-74											
1-15-74											
1-31-74											
2-15-74											
2-29-74											
3-15-74											
3-31-74											
4-15-74											
4-30-74											
5-15-74											
5-31-74											
6-15-74											
6-30-74											
7-15-74											
7-31-74											
8-15-74											
8-31-74											
9-15-74											
9-30-74											
10-15-74											
10-31-74											
11-15-74											
11-30-74											
12-15-74											
12-31-74											
TOTAL											

35

00000027

NUTRITION GAS & SERVICE EXTENDED GAS SALES FOR THE MONTH OF SEPTEMBER

CITY	SALE MONTH	PRECEDENT MONTH	SALES	FRESH AIR	FRESH AIR	FRESH AIR	FRESH AIR	FRESH AIR	FRESH AIR	AVG No. of Customers	TOTAL FOR THE YEAR				TOTAL	AVERAGE	PERCENT	LAST YEAR
											SALES	SALES	SALES	SALES				
WANDA	4,300	4,400	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300
MUSGRAVE	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
CHERRY	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
SEVEN	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
WYOMING	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
KANSAS	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
MICHIGAN	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500
TEXAS	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
OKLAHOMA	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
NEW YORK	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
ILLINOIS	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
MISSISSIPPI	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
LOUISIANA	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
ALABAMA	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
ARKANSAS	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
MISSOURI	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
INDIANA	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
OHIO	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
PENNSYLVANIA	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
MARYLAND	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
DELAWARE	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
VIRGINIA	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
NORTH CAROLINA	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
SOUTH CAROLINA	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
FLORIDA	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
GEORGIA	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
ALASKA	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
HAWAII	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
TOTAL	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000

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**SUI NORTHERN GAS COMPANY LIMITED**  
**BASIS / ASSUMPTIONS (Indigenous)**

FY 2021-22	
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<u>Jul. - Dec.21</u>	<u>Jan. - Jun.22</u>
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Exchange Parity Rs per US\$	165.00	170.00
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<b><u>Crude oil US\$ per Barrel</u></b>		
Average FOB Prices	44.4813	49.4813
Freight	0.5187	0.5187
<b>Average C&amp;F Prices</b>	<b>45.0000</b>	<b>50.0000</b>
MMBTU/BBL	5.6098	5.6098

<b><u>HSFO US\$ per M.Ton.</u></b>		
Average FOB Prices	265.6299	265.6299
Freight	4.3701	4.3701
<b>Average C&amp;F Prices</b>	<b>270.0000</b>	<b>270.0000</b>
MMBTU per M.Ton.	40.7920	40.7920

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2017 BULK ENERGY GAS PURCHASES SUMMARY  
AND SUMMARY OF GAS PURCHASES FROM FY 2016-22

Table with columns: GAS FIELD, Quantity (MMBtu), Value (\$MM), Volume (MMcf), etc. Lists various gas fields and their associated metrics.

Summary table with columns: Quantity (MMBtu), Value (\$MM), Volume (MMcf), etc. Provides totals for different categories.

Comments: All data is for the fiscal year ending 31/03/2022. All values are in US Dollars unless otherwise stated.

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REVENUE AND EXPENSE STATEMENT  
FOR THE YEAR ENDED 31/12/2023

Particulars	2023			2022			2021		
	Rs.	Pkr.	US\$	Rs.	Pkr.	US\$	Rs.	Pkr.	US\$
Revenue	1000000	1000000	1000000	950000	950000	950000	900000	900000	900000
Expenses	800000	800000	800000	750000	750000	750000	700000	700000	700000
Profit	200000	200000	200000	200000	200000	200000	200000	200000	200000
Net Profit	150000	150000	150000	150000	150000	150000	150000	150000	150000
Dividend	50000	50000	50000	50000	50000	50000	50000	50000	50000
Reserve	100000	100000	100000	100000	100000	100000	100000	100000	100000
Current Assets	300000	300000	300000	300000	300000	300000	300000	300000	300000
Current Liabilities	200000	200000	200000	200000	200000	200000	200000	200000	200000
Net Current Assets	100000	100000	100000	100000	100000	100000	100000	100000	100000
Fixed Assets	400000	400000	400000	400000	400000	400000	400000	400000	400000
Capital	300000	300000	300000	300000	300000	300000	300000	300000	300000
Reserves	100000	100000	100000	100000	100000	100000	100000	100000	100000
Liabilities	300000	300000	300000	300000	300000	300000	300000	300000	300000
Total	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000	1000000

Prepared and signed by the Controller of Accounts on behalf of the Board of Directors on 15/1/2024.

HUNGARIAN GAS DISTRIBUTION CO.  
STATEMENT OF GAS PURCHASES FOR THE YEAR 2012

GAS FIELD	QTY	Purchase Price in HUF per 1000 m3	Purchase Price in EUR per 1000 m3	Volume in 1000000 m3	Purchase Price in EUR per 1000 m3	2012 Actual			2012 Budget			TOTAL		
						QTY	Price	Volume	QTY	Price	Volume	QTY	Price	Volume
						1/2	3/2	4/2	1/2	3/2	4/2	1/2	3/2	4/2
24	556	2,4779	2,6677	402.43	144.74	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
Ardak	2,357	2,9472	2,9472	409.33	320.10	352	352	352	352	352	352	352	352	352
Bacs	1,317	1,6796	1,6796	1,317.0	1,317.0	1,317	1,317	1,317	1,317	1,317	1,317	1,317	1,317	1,317
Bakal	1,127	1,1731	1,1731	3,2534	2,532.4	40	40	40	40	40	40	40	40	40
Bal.	92	1,2844	1,2844	79.29	111.1	11	11	11	11	11	11	11	11	11
Barak	2,208	1,9979	1,9979	312.30	312.30	312	312	312	312	312	312	312	312	312
Bak-Cand	2,240	1,9979	1,9979	312.30	312.30	312	312	312	312	312	312	312	312	312
CO-INTEGRATED TUBERDORO	84	1,6121	2,6234	47.14	47.14	5	5	5	5	5	5	5	5	5
CO-INTEGRATED TUBERDORO	87	2,2709	2,2709	2,270.9	2,270.9	21	21	21	21	21	21	21	21	21
CO-INTEGRATED TUBERDORO	86	2,2325	2,2325	68.95	68.95	3	3	3	3	3	3	3	3	3
CO-INTEGRATED TUBERDORO	86	1,7149	1,7149	62.29	62.29	4	4	4	4	4	4	4	4	4
CO-INTEGRATED TUBERDORO	89	1,2324	1,2324	39.24	39.24	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,071	1,4251	1,4251	282.94	282.94	74	74	74	74	74	74	74	74	74
CO-INTEGRATED TUBERDORO	1,075	1,8113	1,8113	318.13	318.13	19	19	19	19	19	19	19	19	19
CO-INTEGRATED TUBERDORO	1,067	1,4113	1,4113	883.21	883.21	10	10	10	10	10	10	10	10	10
CO-INTEGRATED TUBERDORO	1,085	1,3284	1,3284	391.43	391.43	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,067	1,3077	1,3077	44.26	44.26	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,075	1,3344	1,3344	235.35	235.35	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,081	1,3039	1,3039	575.81	575.81	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,124	1,4941	1,4941	1,494.1	1,494.1	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,075	1,2941	1,2941	335.37	335.37	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	86	2,3027	2,3027	2,302.7	2,302.7	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,125	1,3753	1,3753	309.46	309.46	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,025	1,3259	1,3259	344.17	344.17	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,189	1,3729	1,3729	344.17	344.17	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	729	2,3290	2,3290	415.36	415.36	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	897	1,3177	1,3177	2,3891	2,389.1	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,174	2,4157	2,4157	2,415.7	2,415.7	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,074	1,6975	1,6975	2,6875	2,687.5	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	706	2,7732	2,7732	3,8217	3,821.7	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	706	2,3167	2,3167	2,316.7	2,316.7	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,294	2,2926	2,2926	2,292.6	2,292.6	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,204	2,2926	2,2926	2,292.6	2,292.6	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	871	2,3337	2,3337	2,333.7	2,333.7	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,192	1,4422	1,4422	1,442.2	1,442.2	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,451	1,5796	1,5796	2,4014	2,401.4	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,327	2,3567	2,3567	2,356.7	2,356.7	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,296	2,2822	2,2822	665.11	665.11	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	99	2,0016	2,0016	665.11	665.11	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	769	2,2828	2,2828	425.14	425.14	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,141	2,2828	2,2828	665.11	665.11	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,072	2,3753	2,3753	2,375.3	2,375.3	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,364	2,3796	2,3796	2,379.6	2,379.6	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	868	1,6988	1,6988	2,0000	2,000.0	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,174	2,2388	2,2388	3,3974	3,397.4	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,267	1,4799	1,4799	2,022.8	2,022.8	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,074	1,4796	1,4796	3,381.1	3,381.1	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,074	1,5119	1,5119	2,1130	2,113.0	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,013	1,3454	1,3454	562.32	562.32	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,011	1,4423	1,4423	2,114.4	2,114.4	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,073	1,4554	1,4554	3,381.1	3,381.1	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	759	1,3257	1,3257	759.0	759.0	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,115	1,8954	1,8954	2,829.6	2,829.6	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,115	1,8954	1,8954	2,829.6	2,829.6	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,115	1,8954	1,8954	2,829.6	2,829.6	1	1	1	1	1	1	1	1	1
CO-INTEGRATED TUBERDORO	1,115	1,8954	1,8954	2,829.6	2,829.6	1	1	1	1	1	1	1	1	1

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**SUI NORTHERN GAS PIPELINES LIMITED**

**GAS INTERNALLY CONSUMED FOR THE F.Y 2021-22**

**Indigenous Gas**

**Particulars**

**Transmission System**

Compressors

Coating Plant

Residential Colonies

Sub total

**Distribution System**

Free Gas Facility

Co-Generation

Sub total

**GIC Indigenous**

	MMCF	GCV	MMBTU	Avg. cost price	M/Rs.
Compressors	2,843	943	2,680,636	479	1,284.782
Coating Plant	109	943	102,878	479	49.308
Residential Colonies	74	943	69,801	479	33.454
<b>Sub total</b>	<b>3,026</b>		<b>2,853,316</b>		<b>1,367.544</b>
<b>Distribution System</b>					
Free Gas Facility	536	943	505,165	479	242.116
Co-Generation	87	943	81,670	479	39.143
<b>Sub total</b>	<b>622</b>		<b>586,834</b>		<b>281.259</b>
<b>GIC Indigenous</b>	<b>3,649</b>		<b>3,440,150</b>		<b>1,648.803</b>
			<b>GIC as per Petition</b>		<b>1,284.782</b>

**Notes:**

i) Volume of Coating Plant, Residential Colonies, Free Gas Facility and Co-Gen is projected at the level of FY 2019-20.

ii) GIC relevant to the operations of compressors has been taken under the head of GIC. The gas consumed on account of free gas facility, residential colonies, co generation and coating plant has been booked under the relevant heads, i.e. EIR cost and fuel and power.

SUI NORTHERN GAS PIPELINES LIMITED  
UFG DISALLOWANCE FOR THE PERIOD July-21 To June - 22

		<u>Indigenous Gas</u> <u>(Vol in MMCF)</u>
1	Gas Purchases	364,883
	Gas Received in SNGPL system	.
	Energy Equivalence - RLNG	<u>364,883</u>
A	Net gas received	<u>A</u>
	Gas internally consumed:	
	Transmission system	3,026
	Distribution system	<u>622</u>
B		<u>B</u> 3,649
C	Gas available for sales	<u>C=A-B</u> 361,234
	<u>Gas sold</u>	
	Billed	334,269
D	Total Sales	<u>D</u> <u>334,269</u>
E	UFG Volume (A-B)	<u>E=C-D</u> 26,965
F	UFG %age	<u>F=E/A*100</u> 7.39

Description	Provision FY 2021-22	DEFER FY 2020-21	RERR FY 2019-20	Actual FY 2019-20	Remarks
<b>J Salaries &amp; Wages</b>					
<u>Executives</u>					
Salaries & allowances	6,051	2,382	4,555	4,317	
Salaris	297	122	222	211	
Comnity	612	254	458	434	
Pension	19	8	19	9	
F.O.L.S.A	34	7	5	2	
Long service Award	3	0	2	(0)	
Hospitaling (incl us commuoditions	27	14	35	18	
Insurances (staff related)	32	15	28	23	
Ten / enties	15	13	20	3	
Club membership/subscription	45	30	46	39	
C.P.C. Petrol	6	4	7	4	
Others Welfare Exec.					
	7,142	2,949	3,377	3,059	
Transmittal impact of IAS-19	(296)	(51)	-	(12)	
	<b>6,844</b>	<b>2,898</b>	<b>3,377</b>	<b>3,047</b>	
<u>Medical &amp; Welfare</u>					
Medical expenses - Executives	265	134	225	222	
Medical expenses - Parents	108	44	87	90	
Incidental impact of IAS-19	92	92	-	178	
	465	271	313	490	
<b>Total Executive cost</b>	<b>7,309</b>	<b>3,169</b>	<b>3,690</b>	<b>3,537</b>	
<u>Subordinates</u>					
Wages & allowances	10,457	4,978	8,351	9,344	
Wages	985	404	844	764	
Bonus - (10-C, Agreement, Per forchance)	1,108	496	876	1,121	
Overtime (Including dinner/salstst/conveyan					

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**Southwest Gas Regulatory Committee**  
**Transmission & Distribution Cost**

(Rs. In Million)

Description	Portion FY 2021-22	Portion FY 2020-21	REMARK FY 2019-20	Actual FY 2019-20	Remarks
Badli/renal Inflow	1,625	832	1,570	1,117	
Charity	356	174	284	307	
Pension	842	410	670	729	
E. O. R.T	148	58	132	63	
Long service Award	3	4	2	2	
L. T. A	90	51	90	63	
Insurance (staff related)	15	17	61	21	
Sundry welfare Staff	30	15	28	24	
Uniforms Clothing	10	4	7	7	
Triji Expenses	61	41	64	45	
Workers children education cess	1	1	1	1	
<b>Impact of CBA Agreement</b>	<b>15,751</b>	<b>7,483</b>	<b>12,940</b>	<b>13,807</b>	
<b>Incremental impact of T.A.S-19</b>	<b>4,687</b>	<b>307</b>	<b>291</b>	<b>90</b>	
	<b>20,859</b>	<b>7,990</b>	<b>13,231</b>	<b>13,897</b>	
<b>Medical &amp; Welfare</b>					
Medical expenses - Staff	667	282	519	509	
Medical expenses - Parents	161	93	164	170	
Maternity allowance - Subordinate	7	3	5	3	
Incremental impact of T.A.S-19	834	377	687	683	
	45	36	360	72	
	879	413	5,147	750	
<b>Total Subordinate cost</b>	<b>21,738</b>	<b>8,203</b>	<b>14,278</b>	<b>14,651</b>	
Free Gas Facility (Previously part of GIC)	276	139	319	329	
<b>Total Executive and Subordinate cost</b>	<b>29,332</b>	<b>11,510</b>	<b>24,386</b>	<b>20,517</b>	HR Benchmark

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Description	Petition FY 2021-22	Revised FY 2019-20	Actual FY 2019-20	Remarks
<b>2 Gas Internally Consumed</b>				
Indigenous	1,285	1,288	1,216	543
RIAC	6,675	3,105	8,056	4,111
	7,960	6,393	9,272	4,654
<b>3 Stores, Spares and Supplies Consumed</b>				
Compressor	237	230	182	126
Transmission	319	293	210	145
Distribution	323	198	398	154
Others (incl.H.O.)	4	4	12	5
Freight & handling	88	75	90	55
	1,400	800	892	484
<b>4 Reprints &amp; Maintenance</b>				
Compressor	23	19	24	17
Transmission	287	80	137	44
Distribution	1,090	645	1,011	861
Others (incl H.O. & service depts.)	363	174	190	241
<p>The actual expense of FY 2019-20 is not the true representation of expenses due to COVID-19. 10% internal inflation has been assumed for 3 years on actual expense FY 2018-19 i.e. Rs. 719 million to project the proposed amount. It is also pertinent to mention here that the proposed amount is only 12% over expense allowed by the Authority for FY 2019-20. It is requested that the increase may be allowed considering the increasing prices of spares due to devaluation of INR as compared to USD as most of spare-stock items are imported and have higher values as compared to the preceding years.</p> <p>Proposed amount includes Rs. 200 million for recurring activities. It is to inform that recurring activities could not be carried out in FY 2019-20 due to non-availability of coating material. The manufacturing of coil bar cranks had been discontinued worldwide due to its strategic properties and no replacement manufacturers are available globally. The recurring works are now scheduled during fiscal year 2020-21 with CoM applied polymetric tapes against which budget is essentially required.</p> <p>An additional amount of Rs. 25 million proposed by Petitioner for SCADA maintenance service level improvements.</p> <p>Proposed budget is only 9% over and above the budget allowed by the Authority for FY 2019-20. It is worth mentioning here that the contractor rates have not been revised since July 2017. The proposed amount include input of 25% expected revision in schedule rates of contractors.</p> <p>The existing agreements for the janitorial services are Rs. 150 million as compared to the actual expenses of Rs. 123 million for FY 2018-19 and Rs 115 million for FY 2019-20. Proposed amount includes additional Rs. 16 million as against Quality Assurance Programs (QAP) approved by the Management. Further, the additional input is for increase in inflation rate and expected revision in Contractor's schedule rates.</p>				

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**Southern Gas Pipelines Limited**  
**Transmission & Distribution Cost**

(Rs. In Million)

Description	Petition FY 2021-22	DCSR FY 2020-21	ESCR FY 2019-20	Actual FY 2019-20	Remarks
Computer (Software/Hardware) Repairs & Maintenance / (Service level Agreements)	500	174	228	157	IT Infrastructure mainly consists of - Software Licenses (Oracle, Microsoft, VMware, Antivirus, Access Connect etc.) - Hardware (Servers, Storage, UPS, HHC) - Data Centre (Heat office & Manag) - Network (Core Routers, Core Switches, Firewalls etc.) - Cloud Charges (Monthly Gas Bill Training Cost) The above requires support from OEM. The Hardware & Software are procured along with support services. The number of consumers is also growing continuously, which also increases the cloud charges monthly (Gas Bill printing) etc. The IT network infrastructure has also increased due to increased Regions / Locations. The cost of services is increasing every year due to inflation. Proposed amount mainly includes Annual Support of Oracle OCSB and ERP Success, SAs of Data centers, storage and networking equipment etc. Majority of these payments are made in USD and due to a tender of Rs. 44 million pertaining to FY 2019-20 could not be processed due to COVID-19, therefore actual expense remain understated. 10% Increase over actual FY 2019-20 (Rs. 41M million) is being projected by assuming 10% inflation for 2 years to cater the expected increase in CNY as compared to INR.
<b>5 Fuel &amp; Power</b>	<b>2,262</b>	<b>1,096</b>	<b>1,580</b>	<b>1,519</b>	
Compression	26	12	13	25	
Transmission	194	112	112	161	
Distribution	282	230	211	230	The budgeted amount includes Rs. 30 million in account of GIL used in distribution offices. Rest is 10% normal increase
Others (incl. Co-Operation)	41	43	15	54	
	<b>550</b>	<b>397</b>	<b>401</b>	<b>469</b>	
<b>6 Stationery, Telegram and Postage</b>					
Compression	2	1	1	1	
Transmission	7	5	5	4	Projected amount includes Rs. 1.38 million for 'gas bill printers' as against Rs. 1.11 million actual for FY 2019-20 due to increase in consumer base.
Distribution	30	24	33	17	Moreover, due to devaluation of Pak Rupee against US Dollar over the years, the prices of toner cartridges, paper etc. and other stationary items have also been increased significantly
Others (incl. HO & service depn.)	200	170	165	169	
	<b>239</b>	<b>200</b>	<b>204</b>	<b>190</b>	
<b>7 Dispatch of gas bills</b>	<b>165</b>	<b>150</b>	<b>140</b>	<b>133</b>	
<b>8 Rent, Rates, Electricity and Taxes</b>					
Rent Offices	351	277	267	276	It is submitted that that current agreements with landlords stands at Rs. 317 million. The proposed amount is based on current agreements plus 10% expected increase in agreements.

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Description	Provision FY 2021-22	DEPR FY 2020-21	RERR FY 2019-20	Actual FY 2019-20	Remarks
Royalty/Lease services	49	47	35	41	
Telephone	48	44	60	41	
Electricity	210	156	165	177	The actual expense of FY 2019-20 is not the true representation of expenses due to COVID-19. It is submitted that the operations of the Company were adversely affected due to COVID-19. Major activities were reduced to limited staff working with ration policy during pandemic situation and respectively the expenses remain lesser than anticipated.
Pakistan Railway (line crossing charges)	61	-	-	-	Payments to be made to Pakistan Railway/NELA (Line crossing charges) pertaining to FY 2021-22.
Water Consumption	6	5	6	6	
Vehicles rates and taxes	15	12	18	13	
Others	7	6	0.15	5	
	751	548	541	561	
<b>9 Travelling</b>					
Local travelling					
Executives	304	91	91	89	
Subsidiaries	79	60	60	60	
<b>Sub Total</b>	383	151	151	150	It is submitted that the operations of the Company were adversely affected due to COVID-19. Major activities were reduced to limited staff working with ration policy during pandemic situation and respectively the expenses remain lesser than anticipated.
Conveyance (official)	17	31	10	11	
Foreign Travelling	2	-	-	-	
Travelling Directors/Civil officials	2	2	2	3	
	203	163	163	163	

**South Northern Gas Pipelines Limited**  
**Transmission & Distribution Cost**

(Rs. In Million)

Description	Petition FY 2021-22	DEPR FY 2020-21	DEPR FY 2019-20	Actual FY 2019-20	Remarks	
<b>10 Transport</b>						
Compassion	23	14	14	25	Company's actual expense for FY 2019-20 Rs. 920 million exceeded unrestricted due to COVID-19 vehicle expenses for FY 2018-19 was Rs. 1,007 million. Proposed budget includes 5% anticipated increase in petrol prices as compared to the preceding year as well as impact of proposed revision in hiring charges of vehicles. An additional amount of Rs. 25-30 million annually (for 2 years) would be required for	
Transmission	206	178	178	184		
Distribution	618	500	500	469		
Others (incl.HO & service depots.)	317	178	178	242		
	<b>1,165</b>	<b>870</b>	<b>870</b>	<b>920</b>		
<b>11 Insurance</b>						
Third party	3	3	3	2	Increase in capitalized assets & Vehicles of the Company	
Fire risk	225	174	145	167		
Fidelity (e.g. in transit)	3	3	2	0		
Motor vehicles	90	85	80	66		
Loss of Profit	-	-	-	-		
Miscellaneous	9	6	5	10		
	<b>330</b>	<b>270</b>	<b>235</b>	<b>245</b>		
<b>12 Legal and professional charges</b>						
Legal	291	185	145	194	It is appraised that litigation against the company has increased significantly over the years due to distribution matters, LNG contracts, revision in gas tariffs, increase in number of consumers and other legal matters.	
Professional	22	25	25	18		
Tax	8	9	9	14		
Audit	10	9	9	8		
Apprenticeship/Scholarship	15	12	12	8		
Others	4	3	3	3		
	<b>380</b>	<b>242</b>	<b>203</b>	<b>245</b>		
<b>13 Consultancy for ISO 14001: 2014 &amp; OHSAS 18000: 1999 Certifications,</b>	9	5	5	4		
<b>14 Provision for doubtful debts</b>	1,843	728	1,439	1,854		
<b>15 Gas Bills Collection Charges</b>	660	600	540	533		Customer base estimated in FY 2021-22 is approx 7,272,962 and it is assumed that 95% of the bills are to be paid by the consumers. Current Rate of commission charged by Banks is 1% per bill
<b>16 Gathering charges on Bills Collection data</b>	63	55	55	41	Actual expense for FY 2019-20 is on lower side due to COVID-19.	

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(Rs. In Million)

Description	Petition FY 2021-22	DEFER FY 2020-21	REVER FY 2019-20	Actual FY 2019-20	Remarks
17 OGRA Fee	371	432	291	290	
18 Advertisement	253	206	198	235	Nominal increase of 3% over actual for FY 2019-20 is due to inflation impact for FY 2020-21 and FY 2021-22. In compliance with OGRA licensing rule regarding waiver regarding on print and electronic media, rise in budget is requested.
19 Security expenses:					
Security force	1,413	739	670	916	Additional Rs. 360 million is an amount of security arrangements for Nawabshah-ACIX segment. 1.5% remaining increase as compared to the actual FY 2019-20 is to cater two-year inflation impact.
Security guards	440	267	1,311	348	Budget has been proposed on the basis of existing agreement with the security agencies i.e. Rs. 480 million plus 10% inflation impact.
	1,853	1,006	1,001	1,264	
20 KMI Implementation Plan FY 2020-21 (LEG Central Activities)	1,387	636	-	947	The amount is essentially required for execution of different KMI's (Key Monitoring Indicators) related to the central measurement control, leakage control and improvement of meter testing facilities.
21 Basic charges	14	11	12	9	
22 Protective supplies/ Clothing	96	34	43	53	Company provides uniform and protective clothing to its employees as per standards set by the Company from time to time. The Authority disallowed a certain portion of the amount in FY 2020-21 due to lower actual expense for FY 2019-20 that was due to COVID-19.
23 Staff Recruiting Expenses	22	-	4	4	Funds required for vacating recruitment vest against the vacant positions of executives and subordinates.
24 Staff training Expenses	62	35	63	40	Training Expense includes Rs. 10 million for local Training, Rs. 25 million for Sui Northern Gas Pipelines Training Inception (SNGTI) & Rs. 27 million for Executive Development Program.
25 Sponsorship of chairs at Universities	10	-	10	8	
26 Outsourcing of Call Centre for Complaints Management	30	30	27	26	Nominal increase of 9% to cover the inflation impact.
27 Recovery through contractors - (Disconnected Consumers)	60	25	23	19	This commission on recovery of outstanding arrears is approx. Rs. 120 million. 50% amount pertained in the light of historical data.
28 Sports related activities	96	58	48	37	The Company has always participated actively in sports events. Similarly the Company is encouraging the sports of Squash, Hockey, Badminton, Tennis and Football. Company desires to maintain / improve its public image being a responsible corporate entity.
29 Corporate Social Responsibility	20	10	10	43	

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(Rs. In Million)

Description	Exhibition FY 2021-22	DEPR FY 2020-21	RERR FY 2019-20	Actual FY 2019-20	Remarks
30 Facilities Provided by other companies	56	14	10	10	The petitioned amount is required to facilitate the Company employees and their eligible dependents posted at Sai Gas field through Service Agreement with M/s PFI, where an alternative source of such service exists. The presence of Company's technical staff at well head is necessary for monitoring purposes.
31 Security & electronic archiving of Sales report			89		
32 Others					
Construction equipment operating cost	160	112	102	146	Normal lease
Subscriptions	4	3	3	3	
Newspapers, books & periodicals	7	7	6	3	
Round meetings & directors' expenses	90	32	29	70	
Stock exchange fee	1	1	1	3	
Permitting expenses	12	12	11	6	
Outside services employed - govt./ local authority	3	0	0	(0)	
Studios	23	19	40	15	
CNIC verification	13	14	17	8	
USA Project - Digital Letters		-	15	-	
Cost of gas blown off due to sabotage activities	200				Rs. 200 million proposed for 'cost of gas blown off' on the basis of trend of actual expenses i.e. Rs. 214 million for FY 2019-20 & 2018-19 respectively. Historically this budget has never been proposed at LTR level, however being proposed now due to absolute budgetary control in this expense head.
<b>TOTAL OPERATING COST</b>	<b>516</b>	<b>203</b>	<b>225</b>	<b>254</b>	
Less: Allocated to Fixed Capital expenditure	51,693	26,681	30,920	35,761	
Net Operating Cost	46,405	16,326	35,111	31,899	

Sui Northern Gas Pipelines Limited  
Revenue Budget Proposal FY 2021-22

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(Rs. in million)

Sr. No.	Description	ERR FY 2021-22	Allocation (on the basis of volume)	
			Indigenous	RLNG
1	Net IIR Cost (incl. impact of LAS-19)	24,353	13,589	10,764
2	Stores & spares consumed	1,000	558	442
3	Repairs & maintenance of system	1,730	965	765
3(i)	Service Level Agreements	532	297	235
4	Stationery, telegrams and postage	239	133	106
5	Rent, rates, royalty, electricity and telephones *	750	419	331
6	Travelling expenses	203	113	90
7	Transport expenses	1,165	650	515
8	Insurance	330	184	146
9	Fuel & Power	550	307	243
10	Dispatch of Gas Bills	165	148	17
11	Legal and Professional services	350	195	155
12	ISO 14001 & OHSAS Certification	9	5	4
13	Gas bills collection charges	660	593	67
14	Gathering charges of collection data	65	58	7
15	Recovery through Contractor (disconnected consumers)	60	54	6
16	Advertisement & publicity	253	141	112
17	Protective clothing & Supplies	96	54	42
18	Staff Recruiting expenses	22	12	10
19	Staff Training Expenses	62	35	27
20	Security expenses	1,853	833	1,020
21	Provision for doubtful debts	1,843	1,028	815
22	Sponsorship of Chairs for Universities	10	6	4
23	KMI Implementation Plan FY 2021-22/ UFG Control Activities	1,387	1,387	-
24	Outsourcing of Call Centre	30	17	13
25	Sports cell expenses / Annual Sports	96	54	42
26	OGRA fee	371	279	92
27	Bank charges	10	6	4
28	Facilities provided by other companies	36	20	16
29	Board Meeting and directors expenses	90	50	40
30	Corporate Social Responsibility	20	11	9
31	Other expenses	425	237	188
32	Gross Operating Cost (excl. GIC)	38,768	22,438	16,327
33	Loss Allocation to CWIP (Other than IIR Cost)	(319)	(178)	(141)
34	Gas internally consumed - Indigenous	1,285	1,285	-
35	Gas internally consumed - RLNG	6,675	-	6,675
36	Net charged to Operating Cost	46,406	23,545	22,861

**Notes:**

1. Estimated Revenue Requirement for FY 2021-22 has been allocated to Indigenous and RLNG functions on the basis of projected sales volume.
2. Only 30% of the expenses under the heads Dispatch of gas bills, Gathering charges, Gas bills collection charges, Recovery through Contractors are charged to RLNG function based on number of consumers and volume handled.
3. UFG Control activities are wholly charged to Indigenous Function.
4. OGRA Fee has been charged to RLNG function on the basis of Annual turnover of RLNG.
5. An amount of Rs. 360 million under the expense head "Security Expenses" has been fully charged to RLNG function being additionally proposed for RLNG lines.

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**SUI NORDBERGEN GAS PIPELINES LIMITED**  
 SCHEDULE OF DEPRECIATION ASSETS FOR YEAR END 2020-2022  
 Based on opening balance as per year 2004, FY 2020-21

Description	Cost			Accumulated Depreciation			Book Value at 30-06-2022	Number of Months
	Balance as on 01-07-2021	Added	Disposed	Up to 30-06-2022	During the year	Balance as on 30-06-2022		
LAND BARBHOLO	4,172	3	1	2,173	-	-	2,273	6
LAND LENSEBGO	0	-	0	0	-	-	-	6
BUILDING ON BARBHOLO LAND	3,406	362	301	3,706	204	1,923	1,775	4
BUILDING ON LANSBHOLO LAND	18	-	-	15	1	22	-	4
TRANSMISSION TOWERS	18,170	1,067	1,823	7,166	53,214	59,259	14,233	6
UTILITIES CON MAINS	11,800	67,764	67,764	218,993	11,196	2,162	164,114	6
COMPRESSOR STATION EQUIP	21,883	375	375	14,253	421	14,373	3,836	6
TELE COMMUNICATION EQUIPMENT	2,686	44	44	2,832	53	2,487	41	6
PLANT AND MACHINERY	4,364	1,202	1,322	3,877	278	4,267	1,150	39
MEASURING AND REGULATING	67,256	13,621	13,621	80,773	42,664	48,110	32,647	19
TOOLS AND EQUIPMENT	12	12	12	55	5	7	35	37
AUTOM VEHICLES	2,813	266	266	3,024	2,672	2,644	260	37
CONSTRUCTION EQUIPMENT	4,781	551	551	5,312	1,802	3,517	186	49
CURBUTORIAL CURP	693	72	72	917	63	611	66	47
COMPUTER EQUIPMENTS	731	41	41	294	45	258	76	39
COMPUTER HARDWARE	7,679	408	408	3,095	378	3,728	377	25
COMPUTER SYSTEM SOFTWARE	-	-	-	-	-	-	-	43
SCADA SYSTEMS	357	-	-	357	-	357	-	73
<b>TOTAL</b>	<b>350,334</b>	<b>85,780</b>	<b>85,780</b>	<b>436,114</b>	<b>193,878</b>	<b>220,079</b>	<b>216,039</b>	-
Intangible Assets	362	33	33	1,272	1,025	1,281	75	32
Advanced Fee Land	562	-	-	562	-	-	562	-
<b>Grand Total</b>	<b>363,137</b>	<b>86,011</b>	<b>86,011</b>	<b>437,948</b>	<b>20,892</b>	<b>221,360</b>	<b>216,632</b>	

Opening Assets	187,814
Closing Assets	214,021
Depreciation	26,207

**SUI NORTHERN GAS UTILITIES LIMITED**  
**SCHEDULE OF DEFERRING ITEMS BALANCE FOR THE YEAR ENDING 30TH JUNE 2023**  
 Based on opening balances as per year 2022, FY 2020-21

Description	2023					2022					Book Value of Assets as on 31-03-2022	Depreciation Balance
	Balance as on 30-06-2023	Additions	Total Additions	Balance as on 30-06-2022	Transfer to Other Assets	Balance as on 31-03-2022	Transfer to Other Assets	Balance as on 30-06-2022	Transfer to Other Assets			
LAND PRELIMINARY	164	-	-	164	-	-	-	-	-	164	-	-
LAND LEASEHOLD	-	-	-	-	-	-	-	-	-	-	-	-
BUILDING ON FREEHOLD LAND	-	-	-	-	-	-	-	-	-	-	-	-
PLACING ON FREEHOLD LAND	-	-	-	-	-	-	-	-	-	-	-	-
TRANSMISSION BARS	64,186	-	-	46,188	-	11,685	3,771	11,685	-	31,516	-	6
DISTRIBUTION BARS	1,033	1,960	1,960	2,993	71	62	59	2,921	-	2,991	-	6
COMPRESSORS STATION EQUIP	4,162	-	-	4,162	-	1,377	290	2,985	-	2,716	-	6
TELECOMMUNICATION EQUIPMENT	60	-	-	60	16	4	4	36	-	4	-	6
ELECT. AND MACHINERY	304	-	-	304	304	61	61	302	-	302	-	30
MEASURING AND RESULTEING	1,604	261	261	1,965	305	161	11	479	-	1,386	-	14
TOOLS AND EQUIPMENT	32	-	-	32	32	9	9	32	-	32	-	33
MOTOR VEHICLES	1,695	-	-	1,695	1,085	-	-	1,085	-	1,085	-	25
CONSTRUCTION EQUIPMENT	4,254	-	-	4,254	4,234	-	-	4,234	-	4,234	-	20
FURNITURE & FIXTURES	295	-	-	295	219	6	6	275	-	275	-	19
OFFICE EQUIPMENTS	9	-	-	9	9	0	0	9	-	9	-	20
COMPUTER HARDWARE	13	-	-	13	13	0	0	13	-	13	-	33
COMPUTER SYSTEM SOFTWARE	-	-	-	-	-	-	-	-	-	-	-	35
SCADA SYSTEMS	-	-	-	-	-	-	-	-	-	-	-	15
<b>TOTAL</b>	<b>89,374</b>	<b>3,221</b>	<b>3,221</b>	<b>61,356</b>	<b>19,046</b>	<b>3,315</b>	<b>72</b>	<b>21,432</b>	<b>38,929</b>	<b>38,929</b>	<b>-</b>	<b>-</b>
Advances to Land	27	-	-	27	-	-	-	-	-	-	-	-
<b>Grand Total</b>	<b>59,161</b>	<b>2,221</b>	<b>2,221</b>	<b>61,382</b>	<b>19,046</b>	<b>3,315</b>	<b>72</b>	<b>22,432</b>	<b>38,949</b>	<b>38,949</b>	<b>-</b>	<b>-</b>

Opening Assets	48,119
Change Assets	38,949
Depreciation	3,086

Fixed Asset Schedule for Gas Department, C.G.R.A.  
 FBR 2021-22

Description	Regular Capital Expenditure	Organization Overhead Project (2022)	Charitable-Charitable-Fund Information Network System (supplemental)	Appropriation Information of the Network is Taken (Financial)	Region of Office of Kuruk (Balance amount)	Additional Information	Total Additions
Land (2021)	1					3	3
Land (2021)	212					240	240
Building on (2021) Land						1,221	1,221
Infrastructure (2021) Land	6,001		146	2,500		82,054	82,054
IT, Software and	43	52				335	335
Computer equipment	44					44	44
Transportation equipment	12,112					1,222	1,222
Pharmaceutical	12,000					13,000	13,000
Manufacturing equipment	43					42	42
IT, Software and	506					496	496
Computer equipment	2,1					21	21
Transportation equipment	62					52	52
Manufacturing equipment	14					11	11
IT, Software and	294					464	464
Computer equipment	31					21	21
Transportation equipment	40,018	343	821	2,500		85,311	2,271
							85,311

Fixed Assets additions Grouping/Bifurcation  
RRII FY 2021-22

Item/Category	Trial	Transmission (In Progress)	Distribution (In Progress)	Maintenance & Repairs (Outstanding)	Utilities (B/L/MS)	Materials & Supplies (B/L/MS)	Measuring & Recording (B/L/MS)
Distribution Meter (12,041 B&E)	48,210		48,210			1,541	
New Computers (Net: 1,250,000 (Disc), 250 (Incl) & 2000 (Conv))	15,000		10,541			119	250
Replacement of defective material under 10 years old - minor (Nov 821,290)	2,162						
Construction of T&E / DGS and Modification of Existing T&E	426	401					
Construction / Upgrade / Purchase of Turn for M&S	400						
Replacement of Civil Ground new installation of System (RRR)	5,106		6,305				
CP System	412						
111 Pipe at Ganga	750	452					
Installation/Replacement of T&E on operational grounds							
Installation of T&E on operational grounds	55						
T&E under OTC Control - Andhra							
Construction Equipment	351						
Marble Machinery	1,722						
T&E Computer Hardware	764						
Computer Software (Analogous)	31						
Civil Installation	300						
Construction Equipment	15						
T&E & Operational	42						
Human Resource	50						
Office Equipment / Security equipment	14						
Inventory	200						
Maintenance & Repairs - Equipment							
Inventory - Misc (Installation / replacement of Transmission spg)	145	43					
Technical Equipment	16						
Land (For S&S / R&P)	5						
Construction year III							
R&P (Installation, Plant, OTC Control Activities)	970		750				
OTC - Hybrid System for Integration of Unaided Connections with SCADA System for Remote Control &							
Integration of 1,00,000 S&S	20						
Construction Facilities as defined under 10% for Micro Monitoring of UFB Issues	1,856		1,844				
	520						
<b>Subtotal</b>	<b>84,281</b>	<b>466</b>	<b>66,041</b>	<b>1,600</b>	<b>1,804</b>	<b>250</b>	
Special Projects							
Construction Division Project (2021-22)	535						
Loss / Success / Failure in Market and Regulatory Region (Chennai-Mumbai-Trip)	826						
Transmission Network System Augmentation (Phase II)	1,252						
Establishment of Regional Office at Surat (Balance amount)	40						
UPG At M&S Office	257						
Work Addition (As per Budget)	81,529						

SUI NORTHERN GAS PIPELINES LIMITED

Description	Ratios/Asks Up to June 30, 2021	Revenues during the Year 2021-22	Total Investments Up to June 30, 2022	Asks	Accumulated Amortization June 30, 2021	This Year		Total	Balance as at June 30, 2022
						Amortization	Investment		
<b>Deferred Credit (Completed Jobs)</b>									
<b>CONSUMER CONTRIBUTION</b>									
Ring Fenced	New	154,345,362	1,844,789,388		391,187,350	58,237,084	467,376,379	467,376,379	867,494,013
Other than Ring Fenced	New	9,610,181,202	32,515,131,582		27,449,434,254	3,620,867,261	29,257,212,185	29,257,212,185	8,147,873,692
		33,392,031,268	33,360,921,269		27,827,457,810	1,887,145,875	39,824,887,245	39,824,887,245	4,045,245,785
Ring Fenced	New	707,000,000	1,938,000,000		23,290,000	15,140,000	106,740,000	106,740,000	1,07,281,000
Other than Ring Fenced	New	34,534,878,021	37,327,170,571		14,199,267,227	2,085,482,711	18,223,349,728	18,223,349,728	13,295,810,783
		35,109,178,021	47,582,478,621		18,218,647,927	2,100,622,711	18,318,987,748	18,318,987,748	23,096,379,783
		66,478,801,775	71,482,899,779		42,057,148,638	4,096,674,699	67,146,247,323	67,146,247,323	26,026,822,449
<b>Deferred Credit (Works-in-Progress)</b>									
Academic Contribution	Normal	6,000,000,000	6,000,000,000						6,000,000,000
Government Grant	New	27,500,000,000	27,500,000,000						27,500,000,000
		33,500,000,000	33,500,000,000						33,500,000,000
<b>Total</b>		<b>90,084,226,796</b>	<b>103,287,233,746</b>		<b>82,057,108,636</b>	<b>4,096,674,699</b>	<b>48,139,267,259</b>	<b>48,139,267,259</b>	<b>57,518,238,412</b>

**SUI NORTHERN GAS PIPELINES LIMITED**  
**PROPOSAL FOR CAPITAL EXPENDITURE 2021-22**  
**DISTRIBUTION DEVELOPMENT**

Description	Appendix	KMS 2021-22	Total Cost 2021-22 (Million Rupees)
<b>I- DISTRIBUTION MAINS</b>			
1.1 System Augmentation	410	135	1,201
1.2 Used office Reserves/Removal of Anomalies Additional budget for IIO	420	125	383
1.3 Combining mains Additional budget for Combining mains	430	600	1,492
1.4 New Town & Villages (Work against GOP Directives)	470	11,500	42,093
1.5 Cost Recovery jobs	440	500	1,641
<b>Sub Total</b>		<b>12,860</b>	<b>46,811</b>
<b>II- SERVICES, CMS, TBS/DRS</b>			
<i>New Connections:</i>			
Industrial		250	173
Commercial		2,800	465
Domestic		1,230,000	18,562
<b>Sub Total</b>	<b>450</b>	<b>1,230,050</b>	<b>19,200</b>
<b>ADDITIONAL BUDGET FOR DOMESTIC GAS CONNECTION</b>			
<b>III- Schemes</b>			
New TBS/DRS		400	926
<b>IV- SALES METER STATIONS</b>			
Construction of SMS for new towns/modification/upgrading of SMS+purchase of land.			400
<b>V. G. I. PIPE &amp; FITTINGS FOR NEW CONNECTIONS</b>			
			720
<b>VI- Installation of TBSs on Operational Grounds</b>			
		20	65
<b>VII- UTC Control Activities/KMI Implementation Plan</b>			
			13,084
<b>Total:-</b>			<b>81,106</b>

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SUI NORTHERN GAS PIPELINES LIMITED

PROPOSAL FOR CAPITAL EXPENDITURE 2021-22

DISTRIBUTION DEVELOPMENT

SYSTEM AUGMENTATION

Appendix-410

								COST		
	16"	12"	10"	8"	6"	4"	2"	1"	Total	Foreign Exchange (Component)
									(K00)	(Million Rs.)
System Augmentation & Isolation of	-	5	5	50	45	30	-	-	135	1,201
										128



SUI NORTHERN GAS PIPELINES LIMITED

PROPOSAL FOR CAPITAL EXPENDITURE 2021-22

DISTRIBUTION DEVELOPMENT

HEAD OFFICE RESERVES FOR NETWORK TO MEET EMERGENCIES AND EXTENSIONS IN EXISTING TOWNS/VILLAGES MEETING COST CRITERIA

Appendix-420

	QUANTITY							COST			
	16"	12"	10"	8"	6"	4"	2"	1"	Total	Foreign Exchange (Components)	
									(KMT)	(Million Rs.)	
Head Office Reserve to meet emergencies and extensions in existing towns						25	40	60	125	383	34

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**SUI NORTHERN GAS PIPELINES LIMITED**

**PROPOSAL FOR CAPITAL EXPENDITURE 2021-22**

**DISTRIBUTION DEVELOPMENT**

**COMBING MAINS**

**Appendix-430**

Regions	QUANTITY									COST		
	16"	12"	10"	8"	6"	4"	2"	1"	Total	Total	Foreign Exchange (Component)	
										(KM)	(Million Rs.)	
1 Bahawalpur	-	-	-	-	-	-	8.00	20.00	28.00	28.00	67.82	5.00
2 Multan	-	-	-	-	-	1.00	15.00	30.00	46.00	46.00	116.27	8.83
3 Faisalabad	-	-	-	-	-	1.00	15.00	30.00	46.00	46.00	116.27	8.83
4 Sargodha	-	-	-	-	-	-	8.00	20.00	28.00	28.00	67.82	5.00
5 Sahiwal	-	-	-	-	-	-	8.00	20.00	28.00	28.00	67.82	5.00
6 Sheikhupura	-	-	-	-	-	1.00	10.00	23.00	36.00	36.00	89.97	6.83
7 Lahore-East	-	-	-	-	-	1.00	8.00	25.00	34.00	34.00	83.74	6.33
8 Lahore-West	-	-	-	-	-	1.00	8.00	25.00	34.00	34.00	83.74	6.33
9 Gujranwala	-	-	-	-	-	1.00	10.00	30.00	41.00	41.00	100.70	7.58
10 Sialkot	-	-	-	-	-	-	8.00	22.00	30.00	30.00	72.11	5.30
11 Gujrat	-	-	-	-	-	-	10.00	13.00	23.00	23.00	80.49	5.95
12 Islamabad	-	-	-	-	-	1.00	12.00	25.00	38.00	38.00	96.20	7.33
13 Rawalpindi	-	-	-	-	-	1.00	15.00	30.00	46.00	46.00	116.27	8.83
14 Peshawar	-	-	-	-	-	1.00	15.00	30.00	46.00	46.00	116.27	8.83
15 Abbottabad	-	-	-	-	-	-	15.00	25.00	40.00	40.00	100.35	7.50
16 Mardan	-	-	-	-	-	1.00	15.00	30.00	46.00	46.00	116.27	8.83
<b>Total</b>	-	-	-	-	-	10.00	180.00	410.00	600.00	600.00	1,492.10	112.31

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**SUI NORTHERN GAS PIPELINES LIMITED**  
**PROPOSAL FOR CAPITAL EXPENDITURE 2021-22**  
**DISTRIBUTION DEVELOPMENT**  
**COST RECOVERY JOBS**

**Appendix-440**

	QUANTITY									COST	
	16"	12"	10"	8"	6"	4"	2"	1"	Total	Total	Foreign Exchange (Component)
									(KM)	(Million Rs.)	
<b>Cost Recovery Jobs</b>	.	-	5	10	30	30	175	250	500	1,641	142

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**SUI NORTHERN GAS PIPELINES LIMITED**

**PROPOSAL FOR CAPITAL EXPENDITURE 2021-22**

**PROPOSED DISTRIBUTION DEVELOPMENT**

**NEW CONNECTIONS (DOMESTIC/COMMERCIAL/INDUSTRIAL)**

**Appendix-450**

Regions	Industrial	Commercial	Domestic	Total	COST	
					Amount	Foreign Exchange (Component)
					(Rs in million)	(Rs in million)
			(Nos)			
<b>PLS/AB</b>						
Behawalpur	5	50	48,000	48,055	754	-
Multan	15	100	95,000	95,115	1,496	-
Faisalabad	40	300	144,000	144,340	2,305	-
Sargodha	5	50	67,000	67,055	1,048	-
Lahore-East	50	1,000	120,000	121,050	2,057	-
Lahore-West	10	300	47,000	47,310	784	-
Sheikhpura	20	100	74,000	74,120	1,173	-
Sahiwal	5	100	36,000	36,105	577	-
Sialkot	40	100	61,000	61,110	967	-
Dhujranwala	20	100	78,000	78,120	1,237	-
Gujrat	10	50	64,000	60,060	943	-
Islamabad	10	150	78,000	78,160	1,238	-
Rawalpindi	10	100	78,000	78,116	1,230	-
<b>Sub-Total:</b>	<b>210</b>	<b>2,500</b>	<b>986,000</b>	<b>988,710</b>	<b>15,810</b>	<b>-</b>
<b>KPK</b>						
Peshawar	20	150	68,000	68,170	1,090	-
Districts of Khyber Pakhtun Khwa)	-	-	53,000	53,000	820	-
Mardan	10	100	69,000	69,110	1,091	-
Ahmadshah	10	50	24,000	24,060	386	-
<b>Sub-Total:</b>	<b>40</b>	<b>300</b>	<b>214,000</b>	<b>214,340</b>	<b>3,387</b>	<b>-</b>
<b>TOTAL</b>	<b>250</b>	<b>2,800</b>	<b>1,200,000</b>	<b>1,203,050</b>	<b>19,197</b>	<b>-</b>

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**SUI NORTHERN GAS PIPELINES LIMITED**

**PROPOSAL FOR CAPITAL EXPENDITURE 2021-22**

**UFG CONTROL ACTIVITIES**

(Rs. IN MILLION)

S. No	Description	KMI No.	FY 2021-22
			Proposals (A)
1	Underground Leakage Identification (Laser Leak)	14.00	127
	Underground Leakage Rectification		603
2	Replacement of Defective/Undersized/16 Years Old Meters (Industrial/Commercial/Domestic) - (Nos: 828,290)	8 To 11	2,782
3	Replacement of Underground Network/ Rehabilitation of System (SRP)	13.00	6,305
4	CP System (New/Renovation of Existing CP Stations)	16.00	452
5	GPRS Based System for integration of Industrial Connections with SCADA System for remote monitoring	-	29
6	Segmentation of Looped SMSs	-	1,866
7	Measurement Facility at isolated TBSs for Micro Monitoring of UFG losses	-	920
<b>Grand Total</b>			<b>13,084</b>

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**SUI NORTHERN GAS PIPELINES LIMITED**

**PROPOSAL FOR CAPITAL EXPENDITURE 2021-22**

**DISTRIBUTION DEVELOPMENT**

**WORKS AGAINST GOVERNMENT DIRECTIVES (FEDERAL & PROVISIONAL)**

**Appendix-470**

	QUANTITY									COST	
	16"	12"	10"	8"	6"	4"	2"	1"	Total	Total	Foreign Exchange Component
										(KMF)	(Million Rs.)
<b>GOP Directives</b>	18	43	50	270	517	2,405	3,393	4,804	11,500	42,093	3,898



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Item	Description	Manufacturer	Approx. Qty	Model / Multi-Category	Supplier Category	Item Description	Total Requirements			Unit Price	
							Quantity	Value	City		
1	Computer	HP	10	HP Pro 6400	Information Technology	10 x HP Pro 6400	10	\$1,000.00	10	\$10,000.00	1
2	Printer	Epson	5	Epson L1100	Office Equipment	5 x Epson L1100	5	\$200.00	5	\$1,000.00	1
3	Scanner	Fuji Xerox	2	Fuji Xerox DocuPrint	Office Equipment	2 x Fuji Xerox DocuPrint	2	\$500.00	2	\$1,000.00	1
4	Software License	Microsoft	20	Microsoft Office 365	Software	20 x Microsoft Office 365	20	\$500.00	20	\$10,000.00	1
5	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
6	Server	Dell	1	Dell R740	IT Hardware	1 x Dell R740	1	\$20,000.00	1	\$20,000.00	1
7	UPS	APC	1	APC Smart-UPS	Power Backup	1 x APC Smart-UPS	1	\$5,000.00	1	\$5,000.00	1
8	Router	Cisco	1	Cisco Catalyst	Networking	1 x Cisco Catalyst	1	\$10,000.00	1	\$10,000.00	1
9	Switch	H3C	1	H3C S5700	Networking	1 x H3C S5700	1	\$10,000.00	1	\$10,000.00	1
10	Firewall	Huawei	1	Huawei USG	Security	1 x Huawei USG	1	\$15,000.00	1	\$15,000.00	1
11	Access Point	Huawei	10	Huawei AP6030	Networking	10 x Huawei AP6030	10	\$1,500.00	10	\$15,000.00	1
12	Network Cable	Generic	100	6m Cat6	Networking	100 x 6m Cat6	100	\$1.00	100	\$100.00	1
13	Network Patch Panel	Generic	10	24 Port	Networking	10 x 24 Port	10	\$10.00	10	\$100.00	1
14	Network Rack	Generic	1	42U	Networking	1 x 42U	1	\$1,000.00	1	\$1,000.00	1
15	Network UPS	Generic	1	3kVA	Power Backup	1 x 3kVA	1	\$5,000.00	1	\$5,000.00	1
16	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
17	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
18	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
19	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
20	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
21	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
22	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
23	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
24	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
25	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
26	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
27	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
28	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
29	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
30	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
31	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
32	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
33	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
34	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
35	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
36	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
37	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
38	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
39	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
40	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
41	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
42	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
43	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
44	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
45	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
46	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
47	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
48	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
49	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1
50	Network Switch	Huawei	1	Huawei S5700	Networking	1 x Huawei S5700	1	\$10,000.00	1	\$10,000.00	1

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Item	Description	Quantity	Unit	Material	Installation	Subtotal	City	Total
105	Emergency generator	1	EA	10,000		10,000		10,000
106	Generator fuel tank	1	EA	5,000		5,000		5,000
107	Generator control panel	1	EA	4,000		4,000		4,000
108	Generator cooling fan	1	EA	1,000		1,000		1,000
109	Generator exhaust pipe	1	EA	500		500		500
110	Generator enclosure	1	EA	10,000		10,000		10,000
111	Generator base	1	EA	2,000		2,000		2,000
112	Generator support	1	EA	1,000		1,000		1,000
113	Generator wiring	1	EA	500		500		500
114	Generator fuel filter	1	EA	100		100		100
115	Generator oil filter	1	EA	100		100		100
116	Generator air filter	1	EA	100		100		100
117	Generator belt	1	EA	100		100		100
118	Generator fan belt	1	EA	100		100		100
119	Generator fan blades	1	EA	100		100		100
120	Generator fan motor	1	EA	100		100		100
121	Generator fan housing	1	EA	100		100		100
122	Generator fan mounting	1	EA	100		100		100
123	Generator fan support	1	EA	100		100		100
124	Generator fan base	1	EA	100		100		100
125	Generator fan motor	1	EA	100		100		100
126	Generator fan housing	1	EA	100		100		100
127	Generator fan mounting	1	EA	100		100		100
128	Generator fan support	1	EA	100		100		100
129	Generator fan base	1	EA	100		100		100
130	Generator fan motor	1	EA	100		100		100
131	Generator fan housing	1	EA	100		100		100
132	Generator fan mounting	1	EA	100		100		100
133	Generator fan support	1	EA	100		100		100
134	Generator fan base	1	EA	100		100		100
135	Generator fan motor	1	EA	100		100		100
136	Generator fan housing	1	EA	100		100		100
137	Generator fan mounting	1	EA	100		100		100
138	Generator fan support	1	EA	100		100		100
139	Generator fan base	1	EA	100		100		100
140	Generator fan motor	1	EA	100		100		100
141	Generator fan housing	1	EA	100		100		100
142	Generator fan mounting	1	EA	100		100		100
143	Generator fan support	1	EA	100		100		100
144	Generator fan base	1	EA	100		100		100
145	Generator fan motor	1	EA	100		100		100
146	Generator fan housing	1	EA	100		100		100
147	Generator fan mounting	1	EA	100		100		100
148	Generator fan support	1	EA	100		100		100
149	Generator fan base	1	EA	100		100		100
150	Generator fan motor	1	EA	100		100		100

Item	Department	Location/Building	App'd/A	Budget Make Category	Budget Sub Category	Type/Description	Total Qty	Total Unit Price	Day	Unit Price	City	Unit Price
23	Information	Transmission	23C	4000 Network	Network Equipment	Network/Modem Solutions	35	4,200,000	44	5,200,000		
24	Information	Transmission	24C	Network/Security	Networking Equipment	Network/Security Solutions	70	52,000,000	45	65,200,000		6,200,000
25	Information	Transmission	25C	Network/Security	Networking Equipment	Network/Security Solutions	5	2,200,000	9	2,000,000		
26	Information	Transmission	26C	Network/Security	Networking Equipment	Network/Security Solutions	6	2,000,000	6	3,000,000		
27	Information	Transmission	27C	Network/Security	Networking Equipment	Network/Security Solutions	8	35,300,000	4	46,000,000		
28	Information	Transmission	28C	Network/Security	Networking Equipment	Network/Security Solutions	7	26,000,000	7	100,000,000		
29	Information	Transmission	29C	Network/Security	Networking Equipment	Network/Security Solutions	9	27,300,000	3	27,000,000		
30	Information	Transmission	30C	Network/Security	Networking Equipment	Network/Security Solutions	14	35,200,000	13	35,000,000		
31	Information	Transmission	31C	Network/Security	Networking Equipment	Network/Security Solutions	2	1,200,000	2	1,000,000		
32	Information	Transmission	32C	Network/Security	Networking Equipment	Network/Security Solutions	3	2,200,000	2	1,700,000		
33	Information	Transmission	33C	Network/Security	Networking Equipment	Network/Security Solutions	4	21,200,000	4	3,700,000		
34	Information	Transmission	34C	Network/Security	Networking Equipment	Network/Security Solutions	5	24,200,000	5	24,000,000		
35	Information	Transmission	35C	Network/Security	Networking Equipment	Network/Security Solutions	3	24,000,000	3	24,000,000		
36	Information	Transmission	36C	Network/Security	Networking Equipment	Network/Security Solutions	2	10,000,000	2	21,000,000		
37	Information	Transmission	37C	Network/Security	Networking Equipment	Network/Security Solutions	2	10,000,000	4	21,000,000		



...get ...

Est	Equipment	Quantity/Configuration	Applicable	Budget Make/Company	Product/Model/Year	Project/Job/Item	Item/Description	Total Replacement			Address		
								Model Qty	Total Total Price	City	Total Price	City	Unit Price
20	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
21	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
22	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
23	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
24	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
25	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
26	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
27	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
28	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
29	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
30	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
31	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
32	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
33	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
34	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
35	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
36	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
37	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
38	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
39	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
40	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	
41	Transformer	1	21	Hubbards	Transformer 2.5	Transformer 2.5	Transformer 2.5	Transformer 2.5	1,500.00	1	5,000.00	1	

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**Additional Revenue Requirement for LPG Air Mix Projects  
for FY-2021-22**

		Droah	Ayun	Chitral	Balgt	Total	
Sales Volume					0	8	BSTU
					5	5	MMCF
Sales Revenue	A				11	11	Rs. Million
Cost of gas sold	B				20	20	Rs. Million
Depreciation	C				53	53	Rs. Million
Other operating cost	D				28	28	Rs. Million
Operating fixed asset opening	E				12	12	Rs. Million
Operating fixed asset closing	F				865	865	Rs. Million
Avg Net Asset	$G=(E+F)/2$				438	438	Rs. Million
ROA @ 17.43%	$H=G \times 17.43\%$				76	76	Rs. Million
Shortfall	$I=B+C+D+H-A$				167	167	Rs. Million



**SUL NORTHERN GAS PIPELINES LIMITED**  
**SCHEDULE OF OPERATING FIXED ASSETS (LONG TERM) FOR THE YEAR ENDED 30TH JUNE 2022**

Amount in Hundred

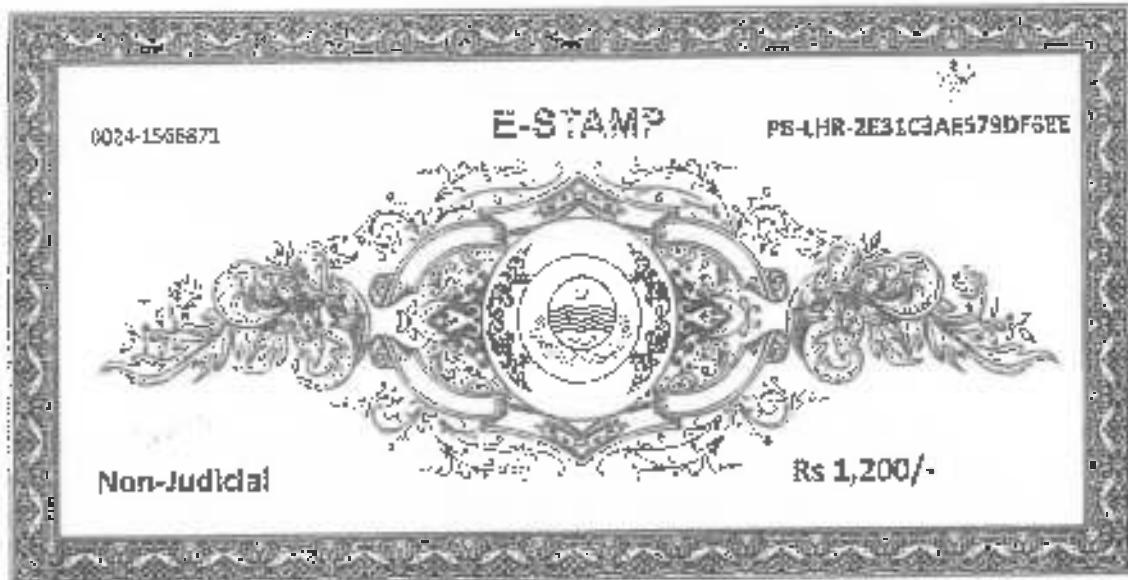
Description	Cost		Accumulated Depreciation				Book Value of Assets as on 30-06-2022	Impairment Loss % as on
	Balance as on 01-07-2019	ADDITIONS (COST)	ADDITION (COST)	Balance as on 30-06-2020	On Addition during the year	On Operating Balance		
LAND FREEHOLD	4	-	-	-	-	-	4	0
LAND LEASEHOLD	-	-	-	-	-	-	-	0
BUILDING ON PILE-KILD LAND	-	345	-	348	10	-	357	6
BUILDING ON LEASEHOLD LAND	-	-	-	-	-	-	-	6
TRANSMISSION MAINS	-	-	-	-	-	-	-	6
DISTRIBUTION MAINS	-	240	-	240	7	-	253	6
COMPRESSORS STATION EQUIP	-	-	-	-	-	-	-	6
TELECOMMUNICATION EQUIPMENT	-	-	-	-	-	-	-	6
PLANT AND MAINTENANCE	-	309	-	309	31	-	376	30
MEASURING AND REGULATING	-	15	-	15	1	-	16	10
TOOLS AND EQUIPMENT	-	-	-	-	-	-	-	37
MOTOR VEHICLES	14	-	-	14	7	3	21	27
CONSTRUCTION EQUIPMENT	-	-	-	-	-	-	-	29
FURNITURE & FIXTURES	-	-	-	-	-	-	-	18
OFFICE EQUIPMENTS	-	-	-	-	-	-	-	29
COMPUTER HARDWARE	-	-	-	-	-	-	-	15
COMPUTER SYSTEM SOFTWARE	-	-	-	-	-	-	-	39
SCADA SYSTEMS	-	-	-	-	-	-	-	15
<b>TOTAL</b>	<b>18</b>	<b>907</b>	<b>-</b>	<b>925</b>	<b>7</b>	<b>3</b>	<b>865</b>	<b>-</b>

Intangible Assets	2	-	-	2	2	1	2	0	33
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Operating Assets	12
Goodwill	865
Impairment	53

00000067

75



Description	: POWER OF ATTORNEY - 49(bb)(a)
Main Party / Principal	: SINGL [34302-0431766-5]
Second Party / Attorney Holder	: KAMRAN AKRAM THROUGH GM [35262-2716257-3]
Agent	: TALAL MUSHTAQ ADV [13000 0000000-3]
Stamp Duty Paid by	: KAMRAN AKRAM THROUGH GM [35262-2716257-3]
Issue Date	: 15-Jun-2017, 09:56:40 AM
Paid Through Chalan	: 20176293609F30D7
Amount In Words	: One Thousand Two Hundred Rupees Only

www.az30009.com

### GENERAL POWER OF ATTORNEY

By this Deed of Attorney given on 24<sup>th</sup> day of JUNE, 2017, SUI NORTHERN GAS PIPELINES LIMITED, incorporated under the Companies Act, 1913 (now the Companies Ordinance, 1984) and having its registered office at Gas House, 21-Kashmir Road, Lahore (hereinafter called "THE COMPANY") through its Managing Director do hereby appoint Mr. Kamran Akram, General Manager, (Regulatory Affairs) Sui Northern Gas Pipelines Limited (hereinafter called "THE ATTORNEY") its true and lawful Attorney to represent the Company and on behalf of the Company to do or execute all or any of the acts and things hereinafter mentioned that is to say:

1. To represent the Company in all proceedings before the Oil and Gas Regulatory Authority ("OGRA") and / or other regulatory authorities including Director General (Gas), Ministry of Petroleum & Natural Resources, Government of Pakistan.
2. To file and appear in proceedings, sign application, petitions and other documents that may be required to defend the Company petitions(s) for its revenue requirement, tariff, licensing and any other ancillary matters.
3. To sign and file interventions, requests, comments, affidavits, furnish undertakings and /or any other documents that may be required in any matter before OGRA.
4. To appoint Advocates and give them due authority to act and conduct the cases and appear in all proceedings to defend the Company before OGRA and / or any other regulatory authority including Director General (Gas), Ministry of Petroleum & Natural Resources, Government of Pakistan.





... for execution of Local Commission due to ...  
 ... through ...  
 As the applicant is a person of confidence in the Advocate by making this application through him to the said counsel is appointed as Local Commission accordingly. It shall be the duty of said counsel to verify the identity of the executant from the records of the locality as well as from PANRA record & he shall be exclusively responsible for any mistake in identity. The said counsel is directed to accordingly get the deed executed in his presence & that of witnesses of the subject property owned by the executant and no court/tribunal order is pending before any court of law which he is required to verify from the concerned parties as well as record of this office after the receipt of the document be submitted before this office within 4 months. In case of court's order pending and inability in proper identification or defective titles the deed be returned without execution.



15-6-17  
 Sub-Registrar  
 Feroz Khan Chowk, Lahore

Presented for registration this General Power of Attorney at Lahore this 29th day of June 2017, by Managing Director Sui Northern Gas Pipelines Limited, 21-Kashmir Road, Lahore, before Local Commissioner, Mr. Tallel Mushtaq, Advocate, NBM Law Associates, 220 Dawood Atif Centre, 2nd Floor Maj Darya Road, Lahore.



MANAGING DIRECTOR  
 CNIC No.

Mr. Tallel Mushtaq  
 LOCAL COMMISSIONER  
 CNIC No. 35202-2716774-9

DIRECTOR  
 CNIC No.

Execution and contents of this General Power of Attorney have been admitted by the aforesaid executants, who were identified by Mr. Muhammad Ali Chughtai, Senior Law Officer, Law Department, Sui Northern Gas Pipelines Limited, 21-Kashmir Road, Lahore.

MANAGING DIRECTOR  
 CNIC NO.

Mr. Tallel Mushtaq  
 LOCAL COMMISSIONER  
 CNIC NO. 35202-2716774-9

THE ATTORNEY  
 CNIC NO. 35202-2716257-3

DIRECTOR  
 CNIC NO.

WITNESS  
 (Usman Afzal)  
 Exec. Law Officer  
 Sui Northern Gas Pipelines Limited  
 21-Kashmir Road, Lahore.  
 CNIC No. 31383-5174971-9



IDENTIFIER  
 Muhammad Ali Chughtai  
 Senior Law Officer  
 Sui Northern Gas Pipelines Limited  
 21-Kashmir Road, Lahore.  
 CNIC No. 35201-5121636-2

WITNESS  
 (Muhammad Tahir Rashid)  
 Law Officer  
 Sui Northern Gas Pipelines Limited  
 21-Kashmir Road, Lahore.  
 CNIC No. 35202-2793098-3




E-STAMP  
CONTINUATION SHEET

All legal acts done by the said attorneys in furtherance of the Company proceedings before OGRA, before execution of this power of Attorney, are hereby ratified and deemed to have been done under lawful authority.

IN WITNESS WHEREOF the common Seal of the Company was hereunto affixed on the Monday of June 2017 at Lahore.


The common seal of  
Sui Northern Gas Pipelines Limited  
was hereunto affixed in the  
Presence of:

  
\_\_\_\_\_  
MANAGING DIRECTOR  
CNIC No.

  
\_\_\_\_\_  
DIRECTOR  
CNIC No.

WITNESSES:

  
\_\_\_\_\_  
M. Ikram Afzal  
Executive Law Officer  
Sui Northern Gas Pipelines Limited  
21-Kashmir Road, Lahore.  
CNIC No. 31303-5170971-9

  
\_\_\_\_\_  
Muhammad Fahid Rasheed  
Law Officer  
Sui Northern Gas Pipelines Limited  
21-Kashmir Road, Lahore.  
CNIC No. 35202-2793098-3

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494  
 283  
 10/07/2017

BY FAX

No NG(I)-7(158)20-LS  
 Government of Pakistan  
 Ministry of Energy (Petroleum Division)  
 Directorate General Gas  
 Petroleum House, G-5/2

Islamabad, the 23<sup>rd</sup> October, 2020

The Chairman,  
 Oil and Gas Regulatory Authority,  
 Islamabad.

**Subject: POLICY GUIDELINES WITH RESPECT TO SALE PRICE OF RLNG**

Dear Sir,

I am directed to refer to the subject cited above and to state that the Economic Coordination Committee (ECC) of the Cabinet considered the summary dated 06<sup>th</sup> October, 2020 submitted by the Petroleum Division on the above subject and approved (Case No. ECC-375/48/2020 dated 07.10.2020) the following proposal on the subject ratified by the Federal Cabinet (Case No. 78240/2020 dated 13.10.2020):

**Para. 1:**

- a. OGRA to provisionally allow the recovery of RLNG revenue shortfall constituting the month-wise actual RLNG volumes divided in the domestic / commercial sectors by SNGPL and any amount available in the domestic account would also be adjusted while actualizing the RLNG sale price, subject to verification of volumes supplied to domestic and commercial consumers by OGRA.
- b. OGRA may create a specific head under the RLNG Sale Price for charging the 'diversion cost' in a staggered manner.
- c. Upon amendment in OGRA Ordinance, 2002 for bringing RLNG in the WACCQ, the balance RLNG revenue shortfall by the time amendment is made, if any, would be recouped through revenue requirements in a staggered manner. ECC directed Petroleum Division to follow up its amendments in the OGRA Ordinance for bringing RLNG in the weighted average cost.

Yours truly,

(Signature)  
 Assistant Director (S-3)  
 Ph: 333485

**Copy to:**

- i. SO to Minister for Energy (Petroleum Division), Islamabad.
- ii. PG to SAPM on Petroleum, Islamabad.
- iii. SO to Secretary (Petroleum Division), Islamabad.
- iv. APS to EDG, Petroleum Division, Islamabad.
- v. PA to DG Gas, Petroleum Division, Islamabad.
- vi. MD, SNGPL, Lahore.

9 MC. 42  
(8)

DMD (OPS)  
18 JUN 2020  
NO:



**SUI NORTHERN GAS PIPELINES LIMITED**

**MEMORANDUM**

From: Company Secretary	To: SGM (Compression)
Ref. CA/BOD-1/2020 June 04, 2020	Thru: DMD (OPS)

*SM (Comp)*  
*For use of file*  
*11/6*

**CONFIDENTIAL**

**EXTRACT FROM THE MINUTES OF THE 551<sup>st</sup> MEETING OF THE BOARD OF DIRECTORS HELD ON MAY 02, 2020**

Please find enclosed reproduced below extract(s) from the draft minutes of the 551<sup>st</sup> meeting of the Board of Directors, held on May 02, 2020 for your information and necessary action, as well as for immediate response to the queries raised by the worthy Directors, if any, please.

**7148 ITEM-J REQUIREMENT OF FUNDS FOR OVERHAULING OF GAS TURBINE ENGINES AND BOOST COMPRESSORS FISCAL YEARS (2021-22 TO 2025-26).**

10.1 Managing Director apprised that overhauling of 25 Nos. turbines engines (Centaur & Saturn) and 9 Nos. gas compressor boosters is required, which will be carried out in next five years w.s.f 2021-22 to 2025-26. Chairman F&PC added that the agenda was deliberated in 308<sup>th</sup> F&PC meeting and recommended to the Board for its approval. However, the approval of the Board would be in principal as the same would require OGRA's approval for undertaking the overhauling activities.

10.2 Mr. Muhammad Ayub Chaudhry, Director inquired that how much life of the Gas turbines and gas compressor boosters would be increased after getting them overhauled. It was also inquired about the transfer of technology and the cost of new turbines & compressor boosters, if the same are not overhauled, in order to have cost & benefit analysis.

With the permission of the Chairperson, DMD(Operations) was called in the meeting.

10.3 DMD(Ops) responded that after overhauling the lives of turbines and gas compressor boosters would be enhanced by 1.5 years. With regard to transfer of technology, it was informed that after overhauling, all controls of the turbines and the gas compressor boosters would be of latest technology. Moreover, if the company considers to purchase new Gas turbines and gas compressor boosters, the overall cost would more than double.

10.4 Mr. Muhammad Ayub Chaudhry, Director inquired if the Rupee Dollar would have any impact on the overall estimate of overhauling. Managing Director responded in

affirmative and elaborated that the approval is sought in principal, however change in Rupee Dollar parity have impact on year to year basis, which would be dully approved by the OGRA. The worthy Director further inquired about contingency cushion, being kept to mitigate Rupee Dollar parity impact. Managing Director responded that the provision of 10% margin has been kept, however, due to 5 years plan, the variation might be more than 10%. Moreover, it was also inquired about the implications, if the requested overhauling is not made. DMD (Ops) responded that overall performance of the Gas turbines and gas compressor boosters would be impaired besides increasing the CR ratio.

10.5 Mr. Muhammad Ayub Chaudhry, Director suggested that cost benefit analysis, enhancement in operational efficiency and other relevant important information should be given in the agenda for the information of the Board Members for taking an informed decision. Chairperson along with other Directors concurred with the proposal of worthy Director and advised the Management to ensure the compliance.

10.6 After due deliberation, the Board of Directors in line with recommendations of the Finance & Procurement Committee given at its 308<sup>th</sup> meeting held on February 20, 2020 accorded approval of Rs. 2,990.00 Millions (Two thousand nine hundred & ninety million only) for overhauling 25 Nos. of turbine engines (Census & Saturn) and 09 Nos. gas compressor boosters in next five years w.e.f. 2021-22 to 2025-26 subject to approval by OGRA and fulfillment of all procedural/ codal, legal and financial prerequisites and strictly in accordance with law before starting the procurement / execution process.

10.7 The Board of Directors also allowed to initiate the indenting process for next year in each preceding year due to the lengthy procurement process of about 16-18 months after issuance of purchase order to ensure timely capitalization of expenses on yearly basis as per recommendation of F & PC.

The Managing Director was authorized to take or cause to be taken all the necessary steps to give effect to the above decision.

**ANY OTHER BUSINESS WITH THE PERMISSION OF THE CHAIRPERSON**

**(1) REQUIREMENT OF FUNDS FOR CONSULTANCY SERVICES POWER GENERATION & HVAC SYSTEM AT HEAD OFFICE BUILDING.**

19.13 Managing Director apprised that HVAC & Co-Generation plants are installed in the basement 2 of the Head Office building. These plants have almost completed their useful lives, as these were installed 25 years ago. Now the plants have become potential hazard, therefore, requires immediate study for replacement thereof.

19.14 After due deliberation, the Board of Directors in line with recommendations of the Finance & Procurement Committee given at its 308<sup>th</sup> meeting held on February 20, 2020 accorded approval of Rs. 6.04 Million (Rupees Six Million and Forty Thousand) against 1st stage (Feasibility Stage) of the consultancy services to M/s NESPAK, for replacement of HVAC & Electric Power Generation System installed at Head Office building subject to fulfillment of all procedural/ codal, legal and financial prerequisites and strictly in accordance with law.

The Managing Director was authorized to take or cause to be taken all the necessary steps to give effect to the above decision.

8

These draft minutes have been circulated amongst the Directors after clearance by the Chairperson of the Board of Directors. Comments, if any, received from them will be communicated in due course.

  
(IMTIAZ MEHMOOD)  
COMPANY SECRETARY

cc: MD

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SGM (COMPRESSION)  
No: \_\_\_\_\_  
Date: 18-02-20



**SUI NORTHERN GAS PIPELINES LIMITED**

**MEMORANDUM**

From: Company Secretary	To: ✓ SGM (Compression)	<i>[Signature]</i> Thru DMD (Ops) Confidential
Ref: CA/FC-2/ 621	February 14, 2020	

**388<sup>TH</sup> MEETING OF THE FINANCE & PROCUREMENT COMMITTEE**

Please find enclosed copies of the following Agenda Item(s) to be considered by the Finance & Procurement Committee at its 388<sup>th</sup> Meeting scheduled on Thursday, February 20, 2020 at 11:00 A.M. in the Company's Board Room, Gas House, 21-Kashmir Road, Lahore.

Item No.	Subject	Machine Page	
II.	Requirement of Funds for Overhauling of Gas Turbine Engines and Boost Compressors Fiscal Years (2021-22 to 2025-26).	130	140
M.	Requirement of Funds for Consultancy Services Power Generation & HVAC System at Head Office Building.	184	189

You are requested to please remain available in the Conference Room at 7<sup>th</sup> Floor for the above meeting to respond to any queries on these Agenda Items, if so required by the Finance & Procurement Committee of Directors.

*[Signature]*  
COMPANY SECRETARY

cc: MD



REQUIREMENT OF FUNDS FOR OVERHAULING OF GAS TURBINE ENGINES AND BOOST COMPRESSORS FISCAL YEARS 2021-22 TO 2025-26

170

ITEM - 4

SUMMARY

The company is presently operating 71 Nos. gas turbine engines / compressor packages at 11 No. compressor stations and Co-Generation plant at Head Office. These gas turbine compressor packages are of two families; viz. Saturn and Centaur, manufactured by M/s Solar Turbines Incorporated, USA, a wholly owned subsidiary of M/s Caterpillar Inc. The overhauling of Centaur gas turbine engines is performed after completing their fired hours, in line with the OEM recommendations and API-616 standard. The overhaul activities are categorized into following three categories;

- 1<sup>st</sup> Overhaul - 30,000 Fired hours
- 2<sup>nd</sup> Overhaul - 60,000 Fired Hours
- Zero Overhaul - 90,000 Fired Hours

All these overhauling activities are performed in our overhauling facility at Multan, following the international standards of quality as well as the process & procedures set forth by the OEM. However, Centaur-50 models of turbine engines are not overhauled by SNGPL, since their overhauling technology has not been transferred by M/s Solar, which was also not cost effective for SNGPL due to shorter fleet size of Centaur-30's. Accordingly, these engines are sent to the overhauling facility of OEM M/s Solar Turbines Inc. USA, after completion of fired hours stated above.

Presently, six (6) nos. Centaur T-45/47 engines will complete more than 90,000 fired hours and need to be Zero Overhauled. Eight (8) nos. Centaur T-45/47 engines will be completing their fired hours for 1<sup>st</sup> overhaul, and five (5) nos. will be completing their fired hours for 2<sup>nd</sup> overhaul. Three (3) nos. Saturn-30 engines will also be overhauled after 20,000 fired hours. During the proposed five year plan for 2021-26, three (3) nos. Centaur-50 engines will be zero overhauled, from OEM M/s Solar Turbines, at their facility. The gas boost compressors (9 nos.) will be completing more than 50,000 operating hours during the proposed five year plan, and shall be overhauled.

The overhauling of 25 Nos. turbine engines (Centaur & Saturn) and 09 nos. boost compressors is planned to be executed in next five years FY 2021-22 to 2025-26, against total expenditure of Rs. 2990.0 million (Two thousand nine hundred & ninety millions only). These capital expenses are phased out to five (5) years, as tabulated below;

Expenditure Phasing (in Million Rs.)						
Year	2021-22	2022-23	2023-24	2024-25	2025-26	Total
Budgeted Cost	532.58	480.70	684.75	567.07	724.91	2990.00

The Finance Committee of Directors is requested to consider and recommend the BOD for approval of Rs. 2990.0 Millions (Two thousands nine hundred & ninety millions only) for overhauling of 25 Nos. turbine engines (Centaur & Saturn) and 09 Nos. gas compressor boosters in next five years w.e.f. 2021-22 to 2025-26. The project will be subject to OGRA approval before starting the procurement / execution process.

The procurement process of spare parts continues about 16-18 months, since the standard FOB delivery period of M/s Solar Turbines Inc. USA (the OEM), is 270 days, after issuance of purchase order and valid letter of credit (LC). Therefore, in order to ensure timely capitalization of expenses on yearly basis, we have to start the indenting process in preceding year for the next year. Hence, The Finance and procurement Committee of Directors is also requested to recommend to the Board of Directors to allow the start of indenting process for next year in each preceding year.

**REQUIREMENT OF FUNDS**  
**OVERHAULING / REPAIR OF GAS TURBINE ENGINES AND BOOST COMPRESSORS**  
**FOR NEXT FIVE FISCAL YEARS (2021-22 TO 2025-26)**

**BACKGROUND**

The gas is transmitted through pipelines and its pressure drops due to frictional losses, trans-sectional supplies and changes in direction, elevation & Pipeline diameter etc. and to boost this pressure, compressor stations are installed along the transmission pipeline. Moreover compressor stations also play critical role for injection of low pressure gases from different sources, including depleting sources, into Transmission network. The company is presently operating 71 Nos. gas turbine engines / compressor packages at 14 no. compressor stations and Co-Generation plant at Head Office.

These gas turbine compressor packages are of two families; viz. Saturn and Centaur, manufactured by M/s Solar Turbines Incorporated, USA, a wholly owned subsidiary of M/s Caterpillar Inc.

The Overhauling of these gas turbines and compressors is essential for safe and sustained operation of these packages. SNGPL had entered into a Transfer of Technology agreement with OEM M/s Solar Turbine Inc. which enabled the Compression department to perform in-house overhauling activities, thus saving considerable cost, equipment downtime and foreign exchange.

The overhauls of Centaur engines are performed as per fired hours, in line with the OEM recommendations and API-616 standard. The overhaul activities are categorized into following three categories;

- 1<sup>st</sup> Overhaul – 30,000 Fired hours
- 2<sup>nd</sup> Overhaul – 60,000 Fired Hours
- Zero Overhaul – 90,000 Fired Hours

In addition to above mentioned criteria, field performance of each turbine engine is evaluated after completion of above mentioned operating hours, in order to further evaluate the remaining economic operational life of the engine before overhaul. Similarly, the performance of booster compressor is evaluated after completion of its 50,000 operating hours, before its major overhauling.

During the 1<sup>st</sup> and 2<sup>nd</sup> Overhaul of turbine engines, most of the major internal parts are re-used, after their inspection & non-destructive testing, declaring them serviceable. However, after completion of 90,000 fired hours, all the major internal parts of engine put-live their useful life, and have to be replaced in order to avoid any irreparable damage to the engine. These major parts include, but not limited to, compressor case, stators, compressor rotor, blades, diffuser housing, 2<sup>nd</sup> & 3<sup>rd</sup> bearing support housings, nozzle support assembly, nozzle segments,

combustor liners, turbine discs, GP/PT shafts, PF housings etc. This type of overhaul is termed as Zero Overhaul or Major Overhaul.

All these overhauling activities are performed in our overhauling facility at Mulian, following the international standards of quality as well as the process & procedures set forth by the OEM.

However, Centaur-50 models of turbine engines are not overhauled by SNGPL, since their overhauling technology has not been transferred by M/s Solar, which was also not cost effective for SNGPL due to shorter fleet size of Centaur-50's. Accordingly, these engines are sent to the overhauling facility of OEM M/s Solar Turbines Inc. USA, after completion of fired hours stated above.

### Scope of Project

#### Centaur-40/45 & 47

Presently, six (6) nos. Centaur T-45/47 engines will complete more than 90,000 fired hours and need to be Zero Overhauled. Also, eight (8) nos. Centaur T-45/47 engines will be completing their fired hours for 1<sup>st</sup> overhaul, and five (5) nos. will be completing their fired hours for 2<sup>nd</sup> overhaul. The project scope including overhauling schedule of engines which are to be overhauled during the proposed five year plan, is attached as Annexure-B & C. A detail of major internal parts for Centaur T-45/47 zero overhauling is shown as per attached Annexure-A.

#### Centaur-50

During the proposed five year plan for 2021-26, three (3) nos. Centaur-50 engines will be zero overhauled, from OEM M/s Solar Turbines, at their facility.

#### Saturn-10

Three (3) nos. Saturn-10 engines will also be overhauled in house, after completion of their specified 20,000 fired hours, during the proposed five year plan.

#### Booster Compressors

Presently nine (9) nos. gas boost compressors will be completing more than 50,000 operating hours during the proposed five year plan, and shall be overhauled by replacing their major internal parts. During this overhaul, the major internal parts including impellers, shafts, bearings, etc. will be replaced to maintain their reliability and optimum performance.

### Objectives & Benefits

The overhauling of turbine engines and gas booster compressors is a **mandatory operational requirement**, for sustainable and safe operation of compressor to maintain adequate gas flows and pressure in transmission system. In addition to above this overhauling activity also ensure the following benefits for system;

1. Maintains the operational reliability & performance of gas turbine compressor packages, while ensuring their 100% availability, to provide uninterrupted supplies of gas in national gas grid.
2. The operational life of the engine & booster will be enhanced.
3. Improvement in rated horsepower of engines & boosters resulting in better thermal efficiency.
4. Reduction in breakdown frequency, maintenance cost and down time of machines.
5. Smooth, reliable and sustained operation of compressor packages to ensure maximum through put of gas to consumers to meet performance standard of OGRA.
6. Ensure safe operation due to replacement of worn-out / excessively used parts, failure of which may cause safety hazards to personnel and property, due to high speed engines operating at 15,000 / 22,300 rpm.

### Project Costing & Expenditure Phasing

The overhauling of 25 Nos. turbine engines (Centaur & Saturn) and 09 nos. boost compressors is planned to be executed in next five years, against total expenditure of Rs. 2990.0 million (Two thousands nine hundred & ninety millions only). These capital expenses are phased out to five (5) years, as tabulated below;

Expenditure Phasing (in Million Rs.)						
Year	2021-22	2022-23	2023-24	2024-25	2025-26	Total
Budgeted Cost	532.58	480.70	684.75	567.07	724.91	2990.00

Detailed cost estimates, along with expenditure phasing, is attached as Annexure-D.

### Recommendations

The Finance and Procurement Committee of Directors is requested to consider and recommend the BOD for approval of Rs. 2990.0 Millions (Two thousands nine hundred & ninety millions only) for overhauling of 25 Nos. turbine engines (Centaur & Saturn) and 09 Nos. gas compressor boosters in next five years w.e.f. 2021-22 to 2025-26. The project will be subject to OGRA approval before starting the procurement / execution process.

The procurement process of spare parts consumes about 16-18 months, since the standard FOB delivery period of M/s Solar Turbines Inc. USA (the OEM), is 270 days, after issuance of purchase order and valid letter of credit (LC). Therefore, in order to ensure timely capitalization of expenses on yearly basis, we have to start the indenting process in preceding year for the next year. Hence, The Finance Committee of Directors is also requested to recommend to the Board of Directors to allow the start of indenting process for next year in each preceding year.

It is hereby affirmed that all the relevant costs / procedural, legal and financial pre-requisites shall be fulfilled.

  
GM (COMPRESSION)

  
SGM (COMPRESSION)

  
CHIEF FINANCIAL OFFICER

  
DY. MANAGING DIRECTOR (OPS.)

  
MANAGING DIRECTOR

DETAIL OF MAIN PARTS (EXCLUDING AUTO REPLACEMENT PARTS) WHICH ARE LIKELY TO BE CONSUMED DURING OVERHAULING OF CENTAUR ENGINES MODEL T-45 & T-47 AT IN-HOUSE OVERHAULING FACILITY

Sr. No.	Description	Part No.
1	SG-SHAFT MAIN ACCESS DRIVE	813096C2
2	SG-GEAR, 2ND STAGE-ACC. DRV.	909115C1
3	SG-GEAR, 2ND STAGE-ACC. DRV.	909116C1
4	GEAR, DRIVER	909104C2
5	SG-HUB COUPLING P/T SHAFT	954924C2
6	GEAR, PUMP	909098C1
7	SG-GEAR INT. ACCESS DRIVE	909117C2
8	Housing Assembly Air Inlet T4702	195064-103
9	Vane, Stage 1GY Coated	195155-200 195155-201
10	Vane, Stage 1 Coated	195156-300 195156-301
11	Vane, Stage 2 Coated	127371-302 191551-400
12	Housing, Compressor	907931C4 106537-1
13	Blade 1st Stage Comp. Rotor T-47	138935-7
14	Blade 2 <sup>nd</sup> Stage Comp. Rotor	949916C6
15	Blade 3 <sup>rd</sup> Stage Comp. Rotor	134692-7
16	Blade 4 <sup>th</sup> Stage Comp. Rotor	907876C8
17	Blade 5 <sup>th</sup> Stage Comp. Rotor	907876D5A
18	Blade 6 <sup>th</sup> Stage Comp. Rotor	909628C5
19	Blade 7 <sup>th</sup> Stage Comp. Rotor	909628D5A
20	Blade 8 <sup>th</sup> Stage Comp. Rotor	192674-2
21	Blade 9 <sup>th</sup> Stage Comp. Rotor	192674-3
22	Blade 10 <sup>th</sup> Stage Comp. Rotor	192674-4
23	Blade 11 <sup>th</sup> Stage Comp. Rotor	192674-5
24	FJB ASSY. AFT. CMPSR, Stage 11	138343-200

25	CF-S CTD STATOR ASSY STG 3	302233-100
26	CF-S CTD STATOR ASSY STG 4	302234-100
27	CF-S CTD STATOR ASSY STG 5	302235-100
28	CF-S CTD STATOR ASSY STG 6	302236-100
29	CF-S CTD STATOR ASSY STG 7	302237-100
30	CF-S CTD STATOR ASSY STG 8	302238-100
31	CF-S CTD STATOR ASSY STG 9	302239-100
32	CF-S CTD STATOR ASSY STG 10	302240-100
33	CF-S CTD STATOR ASSY STG 11	302241-100
34	RC-BOLT,CENTER-CPRSR	008067C2
35	INSULATION ASSY FWD	191634-100
36	PV-RING- THRUST WASHER	907989C92
37	Diffuser, Outer-Compressor	907844C2
38	Housing, Diffuser and Bearing Support (2nd Bearing Housing)	122725-103 122725-104
39	Support, Bearing (3rd Bearing Housing)	130908-100
40	Manifold Assembly, Gas	907982C91 173196-100
41	LINER COMBUSTOR TURBINE	128218-501
42	INJECTOR	130905-700
43	Housing Nozzle (1st Stage)	115966-2
44	Manifold Cooling	116759-202 116759-300
45	Clamp Ring Nozzle Turbine	346817C1
46	GP-U BAFFLE AIR-COOLED TURBINE	301715-1
47	Gas Producer Shaft	907905C2 300348-1
48	RT-CENTER BOLT (GP)	945745C3
49	RC-STUD,CENTER CPRSR TO TURBINE	907776C2
50	Blade 1st Stage GP	945546C2
51	Blade 2 <sup>nd</sup> Stage GP	945702C2
52	Nozzle Segments 1st Stage	191049-101
53	Nozzle Segments 2 <sup>nd</sup> Stage	179107-100
54	Nozzle Segments 3 <sup>rd</sup> Stage ( 7/Eng without TCH)	115723-200

55	Nozzle Segments 3 <sup>rd</sup> Stage (6/Eng without TC Hole)	115783-300
56	Tip Shoe, Stage 1	135406-7
57	Tip Shoe, Stage 1	135406-8
58	Tip Shoe, Stage 1	135406-9
59	Tip Shoe, Stage 1	136406-10
60	Tip Shoe, Stage 2	135407-7
61	Tip Shoe, Stage 2	135407-8
62	Tip Shoe, Stage 3	940594C4 241580-2
63	Ring Seal Stage 1	907924C4 192895-100
64	Diaphragm Stage 2	951283C2
65	Diaphragm Stage 3	907904C3
66	Disk Assembly, Power Turbine	173163-101 171447-200
67	Blade 3 <sup>rd</sup> Stage PT	907928C2 172892-2
68	Shaft, Subassembly PT	300739-100
69	Ring, Bearing Support	913378C4
70	Turbine Disk, Stage 3	172883-1 196543-1
71	Diffuser, Turbine Exhaust PT	907995C5 907995C7
72	IGNITER ASSY, TORCH	113020-102
73	SHELL BEARING HOUSING (3rd Bearing)	011478C1
74	Auto Replacement Parts i.e. Seals, Rings, Bearing Pad, washers, Nuts, Bolts, lock strips, Pins, Thrust washers, bearings, honey comb seal etc.	



**SCHEDULE OF OVERHAULING OF GAS TURBINE IN NEXT FIVE YEARS**

AS ON 01-12-2019

SR. NO.	ENGINE SR. NO.	ENGINE MODEL	TYPE OF OVERHAUL
FY 2021-22			
1	3000533	T45	1st O/H
2	1768C41	T45	ZERO O/H
3	4596C	T47	1st O/H
4	0779H	T50	ZERO O/H
FY 2022-23			
1	3000538	T45	2nd O/H
2	4668C	T47	1st O/H
3	4579C	T47	1st O/H
4	0879C41	T45	ZERO O/H
FY 2023-24			
1	4713C41	T45	ZERO O/H
2	5183C	T47	2nd O/H
3	1769C41	T45	2nd O/H
4	3000578	T45	1st O/H
5	21154	F11	Standard O/H
6	0781H	T50	ZERO O/H
FY 2024-25			
1	5321C	T47	1st O/H
2	1713C41	T45	ZERO O/H
3	1780C41	T45	2nd O/H
4	3000571	T45	ZERO O/H
5	1009531	T11	Standard O/H
FY 2025-2026			
1	5322C	T47	1st O/H
2	5181C	T47	2nd O/H
3	4599C	T47	1st O/H
4	5065C	T47	ZERO O/H
5	702521	T11	Standard O/H
6	0777H	T50	ZERO O/H

**NOTE:** This is a tentative schedule based on predictive operation of compressor stations depending upon gas supplies. It may vary due to change in Gas flows and pressure & actual operation of turbine packages at Compressor Stations over the period of 5 years.

SCHEDULE OF OVERHAULING OF GAS BOOST COMPRESSORS IN NEXT FIVE YEARS

AS ON 01-12-2019

SR. NO.	ENGINE MODEL	COMPRESSOR MODEL
<b>FY 2021-22</b>		
1	T-47	C-3043
2	T-50	C-334
<b>FY 2022-23</b>		
1	T-47	C-3043
2	T-45	C-3042
<b>FY 2023-24</b>		
1	T-50	C-334
<b>FY 2024-25</b>		
1	T-47	C-3042
2	T-47	C-402
<b>FY 2025-2026</b>		
1	T-47	C-402
2	T-47	C-402

**NOTE:** This is a tentative schedule based on predictive operation of compressor stations depending upon gas supplies. it may vary due to change in Gas flows and pressure & actual operation of turbine packages at Compressor Stations over the period of 5 years.

\* C-3042 Boosters with 02 staging and C-3043 Boosters with 03 staging with wet seal system.

\*\* C-334 Boosters of T-50 Packages having dry seal system.

\*\*\* C-402 Boosters of T-47 Packages with dry seal system

Miniature-C

**FUNDS REQUIREMENT FOR OVERHAULING / REPAIR OF GAS TURBINE COMPRESSOR PACKAGES FOR FIVE FISCAL YEARS 2021-22 TO 2025-26**

Sl. No.	Description	Million Rupees														
		2021-22			2022-23			2023-24			2024-25			2025-26		
		F.E.	Quota 10%	Total	F.E.	Quota 10%	Total	F.E.	Quota 10%	Total	F.E.	Quota 10%	Total	F.E.	Quota 10%	Total
1	Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray	305.00	34.37	339.37	319.33	36.02	355.35	317.17	37.73	354.90	342.73	39.23	381.96	334.38	38.16	372.54
2	Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray	354.25	39.64	393.89	0.00	0.00	0.00	34.25	3.86	38.11	31.00	3.50	34.50	34.57	3.86	38.43
3	Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray	25.00	2.75	27.75	4.00	0.00	4.00	25.25	2.80	28.05	23.00	2.50	25.50	23.00	2.50	25.50
4	Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray	0.00	0.00	0.00	0.00	0.00	0.00	23.73	2.67	26.40	22.79	2.57	25.36	22.73	2.57	25.30
5	Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray	19.30	2.12	21.42	19.52	2.11	21.63	36.30	3.99	40.29	18.17	1.99	19.16	17.64	1.91	19.55
6	Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL</b>	<b>454.55</b>	<b>50.88</b>	<b>505.43</b>	<b>337.37</b>	<b>36.02</b>	<b>373.39</b>	<b>341.90</b>	<b>39.59</b>	<b>381.49</b>	<b>331.27</b>	<b>37.73</b>	<b>369.00</b>	<b>356.70</b>	<b>39.59</b>	<b>365.29</b>

1. Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray  
 2. Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray  
 3. Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray  
 4. Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray  
 5. Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray  
 6. Overhaul/repair/overhaul/overhaul/overhaul of T-50 engine (T-50) 2-48 in tray

This amount will be set aside for overhaul, overhaul cost for T-50 engine (T-50) 2-48 in tray is 1700 million, based on OEM information. This amount will cover the warranty expenses (if required), for transportation (to and from OEM premises) without loading and to bear the cost of spares which may not come under warranty and Special Tools Purchasing, Spare parts Repair such as Dynamometer / EMI grinding / balancing Machine & other machines installed at Overhauling Facility. This is a tentative schedule based on predictive operation of compressor stations with LMS and indigenous gas supplies. It may vary due to change in gas flows and pressure & actual operation of Compressor Station over the period of 5 years.

AGENDA FOR FINANCE COMMITTEE MEETING NO: 308 HELD ON 12-02-2020

**REQUIREMENT OF FUNDS FOR CONSULTANCY SERVICES  
POWER GENERATION & HVAC SYSTEM  
AT HEAD OFFICE BUILDING  
I.T.E.M - M**

**INTRODUCTION / BACKGROUND**

Air Conditioning and Electric Power generation system for the Head Office building is provided by HVAC & Co-Generation plants, installed in the basement B-2. These plants were installed around 25 years ago, and outlived their useful economic life. Also, the requirement of electric power and air conditioning has increased considerably during this period, rendering the installed system under-capacity. Furthermore, the installed system has been declared as a potential hazard in the last HAZOP study of the building, due to high gas pressure (25psig) of Gas Turbine fuel and heat recovery boilers.

**OBJECTIVES**

In order to address the obsolescence, capacity constraints, add associated hazards of the current HVAC and Power generation system, these will have to be replaced with new system having the latest technology available in the market.

**SCOPE OF PROJECT**

In order to plan, design and execute the project, the services of an experienced consultant are required, to cover the following three stages of the project:

**Stage-I:**

Preparation of feasibility study, including project design, equipment selection, Cost estimates, Bill of Quantities (BOQ), etc.

**Stage-II:**

Preparation of Tender documents / drawings, Bid evaluation, and contract preparation.

**Stage-III:**

Contract Supervision, Execution Consultancy, and Quality Control.

**CONTRACT AMOUNT**

Bids were invited as per Request for Proposal (RFP) criteria based on quality and cost based selection process, for aforementioned consultancy services. M/s NESPAK and M/s OMS Pvt Limited were technically qualified, out of five (5) bidders. However, M/s NESPAK remained the commercially lowest bidder against the bid amount of Rs. 30.2 million (Rupees Thirty Million and Two Hundred Thousand), inclusive of all taxes. The total contract amount shall be paid as per payment schedule attached as Appendix-C.

On the basis of external auditors opinion dated 15.01.2019 attached as (Flag-1) expenditures related to the feasibility study cannot be capitalized, in view of the nature and scope of work of consultancy agreement, 20% of the proposed amount i.e Rs. 6.04 Million will have to be charged off as operating expenditures. Rest of the amount i.e Rs. 24.16 Million shall be capitalized along with cost of installation and asset / main equipment which will be determined after completion of

the Stage-I of this consultancy agreement (Feasibility Stage), the same has not yet been included / mentioned in this agenda and a separate agenda will be submitted for approval of this cost alongwith tentative cost of main equipment.

Owing to the complexity of the project, the allocated time for the project is 18 months, covering all three stages of the project. However, the time frame for Stage-I is 6 Weeks, the detail is attached as Appendix-B.

### BENEFITS

The hiring of consultancy services for the proposed project has following benefits:

- The experienced consultants will conduct the feasibility study in line with exact load requirements, together with market analysis for economically viable option for equipment, keeping both the CAPEX and OPEX under consideration.
- The complexity of the project will be addressed through proper project plan for removal of old equipment from B2, installation of new equipment, and designing of project interfaces between new equipment and existing installations, without affecting the building operations.
- The project execution will be centralized whereby the consultants will be providing the resident supervision, thus ensuring the quality of the project and timely completion.

### RECOMMENDATIONS

It is recommended by the management to the Finance committee of Directors to consider and make recommendations to the BOD for approval of Rs. 6.04 Million (Rupees Six Million and Forty Thousand) against 1<sup>st</sup> stage (Feasibility Stage) of the consultancy services of M/s NESPAK, for replacement of HVAC & Electric Power Generation System installed at Head Office building. These expenditures will be required for F.Y 2019-20. The actual expenditure there against will be taken-up with OGRA at PRR stage.

It is hereby affirmed that all the relevant codal / procedural, legal and financial pre-requisites shall be fulfilled.

  
GM (COMPRESSION)

  
SGM (COMPRESSION)

  
CHIEF FINANCIAL OFFICER

  
DMD (OPERATIONS)

  
MANAGING DIRECTOR

## APPENDIX C

REMUNERATION FOR SERVICES AND  
SCHEDULE OF PAYMENT

The following lump sum percentage payments are based on the remuneration as described above.

- a) **Stage-1 (Feasibility Study Phase)**
- i) First payment upon submission of initial survey report 10% of Total Amount
- ii) After submission of Feasibility Report and acceptance from the client 10% of Total Amount
- b) **Stage-2 (Bidding Phase)**
- i) Upon submission of preliminary design Drawings 10% of Total Amount
- ii) Upon submission of final/accepted Bidding Documents, including Technical Specification, Schedules to Bid, Bill of Quantities / Schedule of Prices, Engineers cost estimate. 10% of Total amount
- iii) Opening of Bids 5% of Total Amount
- iv) Upon award of contract to qualified Contractor/Bidder. 15% of Total Amount
- c) **Stage-3 (Detail Design Review & Construction Supervision Phase)**
- (i) During Construction, Mode of payment shall be on the monthly basis and shall be paid to the Consultant in Twelve (12) equal installments after verification from Civil Construction Department as per following:
- Equal Monthly Payment =  $\frac{40\% \text{ of Total Contract Amount}}{\text{Construction Supervision Period (12 months)}}$
- In case of completion of project in less than twelve (12) months, all balance payments shall be made as last installment.
- (ii) If the Resident Construction Supervision period is extended beyond the specified time period of twelve (12) months due to reasons not attributable to the Consultant, the Consultant shall receive same monthly payment for the extended period in accordance with para (i) above, regardless of progress of works of the Contractor
- (iii) The commencement date for construction supervision of project shall be considered as the start of construction work or handing over of the site to the contractor within 15 days of issuance of contract/work order which ever comes earlier.



**(In Archive) - Fw: Accounting Treatment of Expenditure**  
 Mohammad Asad To: Mubasher Naezer  
 Cc: Faraz Farooq

01/15/2020 04:58 PM

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This message is being viewed in an archive.

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Sir

For your information please

Regards

Muhammad Asad - ACA

Executive Accountant (Accounts)

SUI NORTHERN GAS PIPELINES LIMITED

Head Office: 4th Floor, Gas House, 21- Kashmir Road, Lahore

DMC: 3437 | Email: [Mohammad.Asad@snopl.com.pk](mailto:Mohammad.Asad@snopl.com.pk) | URL: [www.snopl.com.pk](http://www.snopl.com.pk)

----- Forwarded by Mohammad Asad/Accounts/HO/SNGPL/PAK on 01/15/2020 04:58 PM -----

From: "Mughees Ahmad" <[Mughees.Ahmad@pk.ey.com](mailto:Mughees.Ahmad@pk.ey.com)>  
 To: "Mohammad Asad" <[mohammad.asad@snopl.com.pk](mailto:mohammad.asad@snopl.com.pk)>  
 Date: 01/15/2020 04:56 PM  
 Subject: RE: Accounting Treatment of Expenditure

Hi,

Except for the feasibility, rest can be capitalized.

Thanks and Best Regards.

Mughees Ahmad | Manager | Assurance

EY Food Rhodes

Office: +92 21 38402240 EXT 2751 | [Mughees.Ahmad@pk.ey.com](mailto:Mughees.Ahmad@pk.ey.com)

From: Mohammad Asad <[mohammad.asad@snopl.com.pk](mailto:mohammad.asad@snopl.com.pk)>

Sent: Wednesday, January 15, 2020 3:42 PM

To: Mughees Ahmad <[Mughees.Ahmad@pk.ey.com](mailto:Mughees.Ahmad@pk.ey.com)>

Subject: Fw: Accounting Treatment of Expenditure

Regards

Muhammad Asad - ACA

Executive Accountant (Accounts)

SUI NORTHERN GAS PIPELINES LIMITED

Head Office: 4th Floor, Gas House, 21- Kashmir Road, Lahore

DMC: 3437 | Email: [mohammad.asad@snopl.com.pk](mailto:mohammad.asad@snopl.com.pk) | URL: [www.snopl.com.pk](http://www.snopl.com.pk)

----- Forwarded by Mohammad Asad/Accounts/HO/SNGPL/PAK on 01/15/2020 03:42 PM -----

From: Mubasher Naezer/Finance/HO/SNGPL/PAK  
 To: Muhammad Asad/Accounts/HO/SNGPL/PAK@snopl.pk  
 Cc: Faraz Farooq/Accounts/HO/SNGPL/PAK@snopl.pk; Mubasher Naezer/Finance/HO/SNGPL/PAK@snopl.pk  
 Date: 01/14/2020 03:45 PM  
 Subject: Accounting Treatment of Expenditure

Assalam o Alaikum

00000091

Dear Asad

Company is in the process of engagement of a consultant for provision of different services related to HVAC at HQ premises (detailed Scope of Work is attached herewith).

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In view of the same, it is requested to advise whether the expenses related to this consultancy services can be capitalized or not?

It is pertinent to mention here that company will purchase the HVAC system from some other suppliers and this consultancy contract will be a separate agreement, limited to the scope mentioned in the attached document.

Best Regards

Mubashar Naseer  
Senior Accountant (Finance)  
Sd/- Northern Gas Pipelines Limited  
4th Floor, Gas House, 21 Kashmir Road Lahore  
UMC:8457  
Contact 042-89201404, Fax: 042-99201842

For every disciplined effort there is a multiple reward. (Jim Rohn)

The information contained in this communication is intended solely for the use of the individual or entity to whom it is addressed and others authorized to receive it. It may contain confidential or legally privileged information. If you are not the intended recipient you are hereby notified that any disclosure, copying, distribution or taking any action in reliance on the contents of this information is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by responding to this email and then delete it from your system. EY is neither liable for the proper and complete transmission of the information contained in this communication nor for any delay in its receipt.

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## APPENDIX D

TIME SCHEDULE**B-1 Effective Date of Commencement of Services.**

The date on which this Agreement shall come into effect is the date when the Agreement is signed by both the Parties and the data/documents/facilities mentioned in Appendix-A are provided by the Client. However, following signing of Agreement, if the requisite data as per Appendix-A is not received within the specified time limit, then commencement of the Services shall be accounted from the date of receiving the required information from the Client to the Consultant.

**B-2 Time Schedule of Services**

- I. The Consultant shall perform their Services as per the time schedule set forth hereunder.
- II. It is further agreed by the Consultant that the time is of the essence of the Agreement.
- III. The Consultant shall complete the Services according to the following time schedule:

S. No.	Reports / Documents	No. of Copies	Period of Submission
1.	Feasibility Study Report	2	Six (6) weeks after Effective Date of Commencement of Services.
2.	Design Drawings, Bidding documents including Technical Specifications, Schedules to Bid, Bill of Quantities/Schedule of prices and Engineer's Cost Estimate.	2	Three (03) months after approval of feasibility Reports/Document by the Client.
3.	Detail Design Review & Construction Supervision	2	Twelve (12) months after award of Contract to Contractor for execution of work.
4.	Progress/ Inspection Reports during Construction Supervision	2	Fortnightly.

**B-3 DURATION OF AGREEMENT**

The total period of completion of the services under this Agreement shall be 16 months from the date of effectiveness of the Agreement. Period of completion of services will be extendable with mutual written consent of the parties.

**Intiative Revaluation of Already Approved Capital Budgets**

Information Required for Ward Assets/Outlay allowed by the Authority in URBAs of Previous Years

As in million

Budget Type	DERA Particulars	Description	2020-21		2019-20		2018-19		2017-18		2016-17		2015-16	
			Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond	Budget brought forward in FY 2021-22 and beyond		
<b>Distribution Development Total</b>			41,855	3,143	12,282	1,852	329							
<b>Regular Capex Total</b>			2,634	806	305	173	102							
Special Budget	Compression System & Equipment	Compression Overhauling Project (2016-21)	473	-	-	-	-	-	-	-	-	-	-	-
Special Budget	Pant. Machinery and other assets	Green Office initiatives	161	-	-	161	-	-	-	-	-	-	-	-
Special Budget	SCADA System	Replacement/Expansion Of SCADA System	1,500	-	-	-	-	-	-	1,500	-	-	-	-
Special Budget	Transmission Mains	Infrastructure Development Project (24" line for additional Northern Gases)	1,376	-	-	1,376	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	Jalapur Jaitan (Gujrat) System Augmentation	654	-	-	654	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	Bahawalpur & Madhan System Augmentation	1,931	-	-	1,931	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	Segregation of Transmission Network for Operational Ease and Flexibility	850	-	-	850	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	Augmentation / Bifurcation of Gas Network in Lahore City	3,424	-	-	3,424	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	Upgradation of SWs to Cater Operational Constraints	1,349	-	-	1,349	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	IDP for Rashakai SEZ (100% Cost Recovery from GOP)	1,257	1,257	-	-	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	Low Pressure Problems in Mardan And Peshawar Regions Chardara-Kharzand-Tangi Transmission Network System Augmentation. (Phase-1 Rs. 1,531 million, Phase-2 Rs.825 million)	1,531	1,531	-	-	-	-	-	-	-	-	-	-
Special Budget	Transmission Mains	IDP for LNG-1	1,000	-	-	1,000	-	-	-	-	-	-	-	-
Special Budget	LPG Air Mix Project	LPG Air Mix Project/Gilgit	1,262	-	-	-	-	-	-	-	-	-	-	-
<b>Special Budget Total</b>			16,768	3,261	12,587	10,745	1,500	1,262	10,745	1,500	1,262	1,262	1,262	1,262
<b>Grand Total</b>			61,257	28,754	25,874	21,490	3,952	12,587	21,490	3,952	1,931	1,931	1,262	1,262



**Subject: PAY ORDER / BANK DRAFT**

Please find attached herewith a copy of Sui Northern Gas Pipelines Limited, Lahore's application No. RA-TAR-21-22(P)-002 dated December 31, 2020 alongwith a Pay order / Bank Draft of R.1,000,000/- bearing Demand Draft PO No. 01658847 dated 07-12-2020 issued by Habib Metropolitan Bank Limited, Lahore Branch, Lahore as processing fee for Determination of Its Estimated Revenue Requirement for F.Y. 2021-22.

January 6, 2021

  
(Aurangzeb Khan)  
DED

de

**Accounts Officer, OGRA**

Received Pay Order / Bank Draft (In Original)

  
Joint Executive Director (Accounts)

Account Payee Only

HABIB METROPOLITAN BANK LTD.

Lahore Branch

Branch Code: 2

On Demand Pay OIL AND GAS REGULATORY AUTHORITY (OGRA) Or Order  
ISLAMABAD

Rupees one million only

TEAR OFF HERE

Drawee Bank/Branch  
Habib Metropolitan Bank Ltd.  
Islamabad Branch (10)  
Islamabad  
Please do not write below this line



D.D No. 01658847

Stationary/Ref. No. 01658847

Date: 10/01/2017

PKR \*\*\*1,000,000.00\*\*\*

Signature  
Attorney No. 15856

Signature  
Attorney No.

1016588470054001070000006000009995970100010000000000



**(Finance Department)**

January 06, 2021

**INTER OFFICE MEMO**

To: Registrar

From: JED (F-I) N  
c.c: SED (Gas)

thru: HOD (F-I)

Subject: SNGPL- Petition for Determination of Estimated Revenue Requirement - FY 2021-22

Reference SNGPL's letter/petition No. RA-TAR-21-22(P)-002 dated December 31, 2020 on the above subject.

2. SNGPL may be advised to submit the subject petition in accordance with the direction issued at 15.1(iv) of SNGPL DERR-FY 2020-21 dated July 13, 2020.

(171)

(Mudassir Siddiq)

06-1-2021

04:56 pm

آئل اینڈ گیس  
ریگولیشن اتھارٹی



Oil & Gas  
Regulatory Authority

OGRA-6(2)-1(4)/2020-ERR

January 8, 2021

The Managing Director,  
Sui Northern Gas Pipelines Limited,  
21-Kashmir Road,  
**LAHORE.**

**Subject: SUI NORTHERN GAS PIPELINES LIMITED (SNGPL) – PETITION FOR DETERMINATION OF ESTIMATED REVENUE REQUIREMENTS FOR F.Y. 2021-22**

Dear Sir,

Please refer to the above subject.

I am directed to state that earlier it was advised to submit the subject petition of ERR for F.Y. 2021-22 in accordance with the directions issued by the Authority vide Clause 15.1(iv) of SNGPL's Determination of Estimated Revenue Requirement for F.Y. 2020-21 dated July 13, 2020 (relevant extract is attached), in order to proceed further in the matter, please.

Best Regards,



(Dr. Abdul Basit Qureshi)  
Registrar  
(For & on behalf of the Authority)

ok

اٹل اینڈ گیس  
ریگولٹری اتھارٹی



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Oil & Gas  
Regulatory Authority

Case No. OGRA-6(2)-1(6)/2019-ERR

IN THE MATTER OF

SUI NORTHERN GAS PIPELINES LIMITED  
ESTIMATED REVENUE REQUIREMENT, FY 2020-21

UNDER

SECTION 8 (1) OF THE OIL AND GAS REGULATORY AUTHORITY  
ORDINANCE, 2002 AND  
RULE 4 (2) OF NATURAL GAS TARIFF RULES, 2002

DECISION

July 13, 2020

*Before:*

Ms. Uzma Adil Khan, Chairperson  
Mr. Nourul Haque, Member (Finance)/Vice Chairman  
Mr. Muhammad Arif, Member (Gas)

  
CERTIFIED TRUE COPY

minimum charges and the sale price for each category of retail consumers, for notification in the Official Gazette by the Authority.

14.5 Further, under Section 8 (4) of the Ordinance, if the FG fails to so advise within the said 40 days and the prescribed price for any category of retail consumers determined by the Authority is higher than the most recently notified sale price for that category of retail consumers, the Authority shall be obligated to notify in the Official Gazette the prescribed price as determined by the Authority to be the sale price for the said category of retail consumers.

14.6 In view of the above legal position, FG may take necessary action under Section 8 (3) of the Ordinance and advise the Authority of the revised sale price for each category of retail consumers of natural gas for notification in the Official Gazette within the stipulated time period.

#### 15. Directions

15.1 In addition to the directions issued by the Authority in its previous determinations, the petitioner is further directed to: -

- i) *submit a review petition to the Authority latest by October 15, 2020, for review of its estimated revenue requirements as required under Section 8(2) of the Ordinance, keeping in view the actual and anticipated changes in international prices of crude and HSFO during the period June to November 2020 and the trend of Rupee-Dollar exchange rate.*
- ii) *submit the progress report in respect of capital projects and region-wise UFG on a quarterly basis.*
- iii) *submit in tabulated form, the reduction in UFG in each region vis a vis expenditure incurred compared with allowed by the Authority, at the time of respective FRR.*
- iv) *segregate costs & revenues in terms of activities viz; transmission, distribution & sale so that tariff against each activity be ascertained.*
- v) *ensure ring-fencing of RLNG related capital and revenue cost as a separate segment.*
- vi) *submit its proposal on the basis of useful lives of capital assets in line with its sister utility while complying the FG directions in the matter*



*Net*

**CERTIFIED TRUE COPY**

*Net*





109  
Reminder

January 25, 2021

OGRA-6(2)-1(4)/2020-ERR

The Managing Director,  
Sui Northern Gas Pipelines Limited,  
21-Kashmir Road,  
**LAHORE.**

**Subject: SUI NORTHERN GAS PIPELINES LIMITED (SNGPL) – PETITION FOR DETERMINATION OF ESTIMATED REVENUE REQUIREMENTS FOR F.Y. 2021-22**

Dear Sir, (السید)

Please refer to our earlier letter of even No. dated January 8, 2021 (copy attached) on the subject noted above.

2. Reply of the captioned letter is still awaited. It is therefore, advised to submit the subject the revised ERR petition for F.Y. 2021-22 at the earliest, in order to proceed further in the matter, please.

Best Regards,

(Dr. Abdul Basit Qureshi)  
Registrar  
(For & on behalf of the Authority)



ok



# SUI NORTHERN GAS PIPELINES LIMITED

GAS HOUSE, PAFKASHAN ROAD, PAFKASHAN, ISLAMABAD (PAKISTAN)

Reference: RA-TAR-21-22(P)-004

Date: January 26, 2021

Registrar, *(away)*  
Oil and Gas Regulatory Authority,  
Fazal e Haq Road, Blue Area,  
Islamabad.

Dear Sir,

**SUBJECT: SUI NORTHERN GAS PIPELINES LIMITED (SNGPL) - PETITION FOR DETERMINATION OF ESTIMATED REVENUE REQUIREMENTS FOR FY 2021-22**

This refers to OGRA's letter No. OGRA-6(2)-1(4)/2020-ERR dated January 08, 2021 on the captioned subject, wherein it has been advised to submit the petition of ERR FY 2021-22 segregated in terms of activities i.e. transmission, distribution and sale so that tariff against each activity be ascertained.

In this regard, it is submitted that the company is already in process of filing of the revised petition of ERR FY 2021-22 based on the desired segregation in terms of activities and some new projects. Furthermore, it is highlighted that the determination of Review of Estimated Revenue Requirement (RERR) for FY 2020-21 is pending with the Authority, which will impact the opening balances for FY 2021-22.

In view of the above, it is requested to kindly grant extension for filing of revised petition of ERR FY 2021-22 within 7 days of receipt of decision of RERR FY 2020-21.

With best regards.

*(Signature)*  
(KAMRAN AKRAM)  
General Manager (RA)  
for Managing Director

*Handwritten notes:*  
SEN (Gas) 28/1  
Ho D (F-I) 28/1  
28/1/21





# SUI NORTHERN GAS PIPELINES LIMITED

GAS HOUSE, 21-KASHMIR ROAD, P.O. BOX 58, LAHORE (PAKISTAN)

Reference: RA-TAR-21-22(P)-008

Date: February 17, 2021

Registrar,  
Oil and Gas Regulatory Authority,  
Fuzal-c-Haq Road, ZTR Plaza,  
Blue Area,  
Islamabad.

Dear Sir,

**SUBJECT: SUI NORTHERN GAS PIPELINES LIMITED (SNGPL) - PETITION FOR DETERMINATION OF ESTIMATED REVENUE REQUIREMENTS FOR FY 2021-22**

This refers to our earlier letter No. RA-TAR-21-22(P)-004 dated 26.01.2021 on the captioned subject (copy enclosed), wherein an extension of 7 days from issuance of decision of Review of Estimated Revenue Requirement (REER) for FY 2020-21 was requested to file the subject petition, segregated in terms of activities i.e. transmission, distribution and sale as per OGRA's direction so that tariff against each activity be ascertained.

In this regard, it is submitted that we are in process of compiling the petition based on OGRA's directions, for which additional time is required.

In view of the above, the Authority is hereby requested to kindly grant extension for further 7 days to file the revised ERR for FY 2021-22 as per OGRA's directions.

With best regards.


*A. Ghaffar*  
(S. M. ABDUL GHAFOOR)  
Chief Officer (RA)  
Managing Director

Encl: As above

*Subscribed to*  
*22.02.21*  
*09:45*

*SMD (Gas)*  
*HoD (F-I)*

*22/2*





# SUI NORTHERN GAS PIPELINES LIMITED

112

Reference: RA-TAR-21-22(P)-004

Date: January 26, 2021

Registrar,  
Oil and Gas Regulatory Authority,  
Fazal e Haq Road, Blue Area,  
Islamabad.

Dear Sir,

**SUBJECT: SUI NORTHERN GAS PIPELINES LIMITED (SNGPL) - PETITION FOR DETERMINATION OF ESTIMATED REVENUE REQUIREMENTS FOR FY 2021-22**

This refers to OGRA's letter No. OGRA-6(2)-1(4)2020-ERR dated January 08, 2021 on the captioned subject, wherein it has been advised to submit the petition of ERR FY 2021-22 segregated in terms of activities i.e. transmission, distribution and sale so that tariff against each activity be ascertained.

In this regard, it is submitted that the company is already in process of filing of the revised petition of ERR FY 2021-22 based on the desired segregation in terms of activities and some new projects. Furthermore, it is highlighted that the determination of Review of Estimated Revenue Requirement (RERR) for FY 2020-21 is pending with the Authority, which will impact the opening balances for FY 2021-22.

In view of the above, it is requested to kindly grant extension for filing of revised petition of ERR FY 2021-22 within 7 days of receipt of decision of RERR FY 2020-21.

With best regards.

(KAMRAN AKRAM)  
General Manager (RA)  
for Managing Director