




Plant <b>1.0 MTPA ALUMINA REFINERY STREAM-5 DAMANJODI, ODISHA</b>	Client <b>NALCO</b>	Contract Code <b>NAL</b>	Document ID <b>6695-PPM-0007</b>	Contract No. <b>66-6695</b>
thyssenkrupp Industrial Solutions (India)	<b>SP FORMS</b> <b>Alumina Storage &amp; wagon loading at Refinery (Damanjodi) and Alumina storage &amp; handling at Port (Vizag)</b>			 <b>NALCO</b> नेशनल एल्युमिनियम कंपनी लिमिटेड National Aluminium Company Ltd. Rev <b>01</b> Page <b>2</b> of <b>13</b>

**SCHEDULE OF PRICES  
SUMMARY OF LUMPSUM PRICE**

**Bidding Document No : 6695-CMG-G00-CA-0014**

**FORM: SP-0**

**Name of Work :** Residual Process Engineering, Hazop Study with participation by Licensor / tkIS India [Formerly UIPL] / NALCO, Detailed Engineering, Project Management, Total Procurement, Fabrication, Manufacturing, Quality Assurance, Inspection & Expediting, Third Party Inspection, Supplies, Transportation, Insurance, Handling & Storage of all Equipment, Materials, items and other Construction Materials, Construction Management & Supervision, Assembly & Erection, Construction and Installation, Installation of Tie-in points of Piping, Instrumentation, Electrical, Testing, Insulation, Painting, Obtaining all Statutory Approvals (except Environment Clearance which has been obtained by NALCO), Pre-commissioning & Mechanical Completion, Start-up, Commissioning and Performance Guarantee Test Runs of **Alumina Storage & wagon loading at Refinery ( Damanjodi ) and Alumina storage & handling at Port ( Vizag )** and handing over the Alumina Storage & wagon loading at Refinery ( Damanjodi ) and Alumina storage & handling at Port ( Vizag ) Package including spares with Final and "As Built" documentation to NALCO on single point responsibility basis (Lump Sum Turn Key –LSTK- Basis), based on tender documents provided by tkIS India, for 1.0 MTPA ALUMINA REFINERY of M/S NATIONAL ALUMINIUM COMPANY LIMITED (NALCO) at Damanjodi, Odisha, India.


**NAME OF BIDDER :**

SR. NO.	DESCRIPTION OF ACTIVITY / EQUIPMENT / MATERIAL	UNIT	FOREIGN CURRENCY (F.C.)(mention currency)			INDIAN RUPEES (INR)	
			Currency	Amount in Figures	Amount in Words	Amount in Figures	Amount in Words
1.	Price of Materials as per FORM <b>SP-1</b>	L.S.					
2.	Price of Services and Site Work as per FORM <b>SP-2</b>	L.S.					
3.	Total Lump sum price						

**Note:**

**Note: Above Price Excludes Customs Duty as per the SCC Part B and GST.**

**SIGNATURE & SEAL OF BIDDER**

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**SCHEDULE OF PRICES  
BREAKUP OF LUMPSUM PRICE (SUPPLY PORTION)**

**Bidding Document No: 6695-CMG-G00-CA-0014**

**FORM: SP-1**

**NAME OF BIDDER :**


SR. NO.	DESCRIPTION OF ACTIVITY / EQUIPMENT / MATERIAL	UNIT	FOREIGN CURRENCY (F.C.) in .....(mention currency)			INDIAN RUPEES (INR)	
			Currency	IN FIGS.	IN WORDS	IN FIGS.	IN WORDS
1.1	Supply of equipment / materials forming part of the Alumina Storage & wagon loading at Refinery (Damanjodi) and Alumina storage & handling at Port (Vizag)	-	Please do not quote in this row				
1.1.1	Alumina Storage & wagon loading at Refinery (Damanjodi ) and Alumina storage & handling at Port (Vizag with various equipment, sub-assemblies including Air slides, Dust collection system, Wagon loading system, Conveyor, and accessories	L.S.					
1.1.2	Supply of material for Civil Work (including Pre- Engineered Buildings)	L.S.					
1.1.3	Electrical Items	L.S.					
1.1.4	Instrumentation Items	L.S.					
1.1.5	Mandatory Spares ( <b>Bidder to refer the Note – Sl. No. 6 below</b> )	L.S.					
1.1.6	Commissioning Spares ( <b>Bidder to refer the Note – Sl. No. 5 below</b> )	L.S.		Inclu ded	Included	Inclu- ded	Inclu- ded
1.1.7	Special Tools and Tackles	L.S.					
1.1.8	Any other item not covered above but required for the completion of work.	L.S.					
	<b>Total Price</b>						

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**Note:**

1. Price for Imported Item is on CFR Indian Sea Port / CPT Indian Air Port Basis (INCOTERMS 2010). However, this shall not relieve the CONTRACTOR of all his obligations stipulated in the Bidding Documents.
2. Prices for all Indigenous Items shall be on FOT NALCO Site Basis. This also includes unloading all the indigenous items at NALCO's Site(s).
3. Above break-up pertains to supply of major items. It will be the responsibility of the CONTRACTOR to supply all materials / equipment required for completion of work as per the Contract, irrespective of whether all items are identified above or not.
4. Prices are inclusive of Third Party Inspection (TPI) charges and charges for all inspection and testing as per the provisions of the Bidding Document.
5. Please refer Sl. No. 1.1.6 of the above Price Schedule Format (Commissioning Spares). Bidder to note that the Total Price mentioned in this Form 'SP-1' shall be inclusive of the price of commissioning spares. Bidder shall not furnish separate prices for commissioning spares since the price for commissioning spares are included in the Total Price for the above Package Unit. **However, Bidder shall furnish the list of Commissioning Spares along with quantity.**
6. **Important Note: Please refer Sl. No. 1.1.5 of the above Price Schedule Format (Mandatory Spares). Bidder shall quote the lumpsum price for Mandatory spares in Sl. No. 1.1.5 above. Bidder shall also furnish the list of Mandatory Spares along with quantity and unit price of the Mandatory Spares quoted by them in Sl. No. 1.1.5 above. In the event of any mismatch between the Lumpsum price of Mandatory Spares quoted in Sl. No. 1.1.5 above, and the price break-up of Mandatory Spares furnished by the Bidder( in which the Bidder has quoted the Unit Rates and Quantities) , the price break-up furnished by the Bidder shall prevail.**
7. Bidder to note that Imported mandatory spares shall be procured at Zero rate of Customs duty against EPCG license provided by the Owner.

**SIGNATURE & SEAL OF BIDDER**

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**SCHEDULE OF PRICES  
BREAKUP OF LUMPSUM PRICE  
(SERVICES PORTION AND SITE WORK PORTION)**

**Bidding Document No : 6695-CMG-G00-CA-0014**


**FORM: SP-2**

**NAME OF BIDDER :**


SR. NO.		DESCRIPTION OF ACTIVITY	UNIT	FOREIGN CURRENCY (F.C.) (mention currency)		INDIAN RUPEES (INR)
				Currency	IN FIGS	IN FIGS.
1.1		<b>INSTALLATION AND COMMISSIONING ETC.</b> Supervision, Pre- fabrication, fabrication, erection, construction, installation, testing, pre- commissioning, mechanical completion, commissioning and conducting PGTR, for completing and establishing the entire <b>Alumina Storage &amp; wagon loading at Refinery (Damanjodi) and Alumina storage &amp; handling at Port (Vizag)</b> under Contractor's scope as a fully functional and operative UNIT, including (but not limited to) providing all labour and		Bidder shall not quote in this space. Bidder shall quote from Sr. number 1.1.1 onwards below. The total of Sr. number 1.1.1 to 1.1.11 shall be mentioned by Bidder in Sr. number 1.2 below. <b>Bidder shall quote in Foreign Currency / INR (as applicable) only for Site Supervision Services and Training Services mentioned in Sl. No.1.1.9 &amp; 1.1.10 below. Bidder shall quote ONLY IN INR for the other Sl. Nos. mentioned in this 'Form SP-2'.</b>		

Plant <b>1.0 MTPA ALUMINA REFINERY STREAM-5 DAMANJODI, ODISHA</b>	Client <b>NALCO</b>	Contract Code <b>NAL</b>	Document ID <b>6695-PPM-0007</b>	Contract No. <b>66-6695</b>
thyssenkrupp Industrial Solutions (India)	<b>SP FORMS</b> <b>Alumina Storage &amp; wagon loading at Refinery (Damanjodi) and Alumina storage &amp; handling at Port (Vizag)</b>			<b>नालको NALCO</b> नेशनल एल्युमिनियम कंपनी लिमिटेड National Aluminium Company Ltd. Rev <b>01</b> Page <b>6</b> of <b>13</b>

SR. NO.			DESCRIPTION OF ACTIVITY	UNIT	FOREIGN CURRENCY (F.C.) (mention currency)		INDIAN RUPEES (INR)
					Currency	IN FIGS	IN FIGS.
			manpower, resources, transportation, port clearance, port handling etc., store management, construction equipment, tools, tackles and aids, safety devices, testing devices, insurance, facilities, utilities, communication systems, material and other reconciliations, handing over of final drawings / documents / manuals, obtaining and satisfying all statutory licenses, clearances, consents, no objections, approvals and certificates and complying with all statutory formalities etc. and all other services whatsoever required including Training (but excluding the supply of materials required for permanent incorporation in the works) for completing the				


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SR. NO.			DESCRIPTION OF ACTIVITY	UNIT	FOREIGN CURRENCY (F.C.) (mention currency)		INDIAN RUPEES (INR)		
					Currency	IN FIGS	IN FIGS.		
			works in all respects of the Alumina Storage & wagon loading at Refinery ( Damanjodi ) and Alumina storage & handling at Port ( Vizag ) in accordance with the Bidding Documents and Direction of Engineer-in charge.						
	1.1.1		<b>Civil Work related to Alumina Storage &amp; wagon loading at Refinery ( Damanjodi ) and Alumina storage &amp; handling at Port ( Vizag )</b>	LS	Do not quote in Foreign Currency				
	1.1.2		<b>Structural Work related to Alumina Storage &amp; wagon loading at Refinery ( Damanjodi ) and Alumina storage &amp; handling at Port ( Vizag )</b>	L.S.	Do not quote in Foreign Currency				
	1.1.3		<b>Mechanical Work:</b>		Please do not quote in this row				
		1.1.3.1	Pipe fabrication, erection & testing including erection of Mechanical / All Piping items.	LS	Do not quote in Foreign Currency				

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SR. NO.			DESCRIPTION OF ACTIVITY	UNIT	FOREIGN CURRENCY (F.C.) (mention currency)		INDIAN RUPEES (INR)		
					Currency	IN FIGS	IN FIGS.		
		1.1.3.2	Insulation	LS	Do not quote in Foreign Currency				
		1.1.3.3	Painting	LS	Do not quote in Foreign Currency				
		1.1.3.4	Static Equipment	LS	Do not quote in Foreign Currency				
		1.1.3.5	Rotating Equipment	LS	Do not quote in Foreign Currency				
	1.1.4		All Electrical Equipment/ Items.	LS	Do not quote in Foreign Currency				
	1.1.5		All Instrumentation items	LS	Do not quote in Foreign Currency				
	1.1.6		All Sub Packages of Alumina Storage & wagon loading at Refinery ( Damanjodi ) and Alumina storage & handling at Port ( Vizag)	LS	Do not quote in Foreign Currency				
	1.1.7		Inland transportation up to NALCO's Site(s) including Unloading at Site(s) as per the provisions of the Bidding Document for all materials (For Imported Items)	LS	Do not quote in Foreign Currency				
	1.1.8		Service charge for Port Clearance & Port Handling	LS	Do not quote in Foreign Currency				
	1.1.9		Site Supervision Services	LS					
	1.1.10		Training Services	LS					
	1.1.11		Any other activity	LS	Do not quote in				




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SR. NO.			DESCRIPTION OF ACTIVITY	UNIT	FOREIGN CURRENCY (F.C.) (mention currency)		INDIAN RUPEES (INR)		
					Currency	IN FIGS	IN FIGS.		
			not covered above but required for completion of the work		Foreign Currency				
<b>1.2</b>			<b>Total Lump sum Price</b>	LS					

**NOTES :**

1. Supply of materials shall not be included in Form SP-2.

**SIGNATURE & SEAL OF BIDDER**

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## SCHEDULE OF PRICES

**Bidding Document No : 6695-CMG-G00-CA-0014**

**FORM : SP-3**

**NAME OF BIDDER :**

**Non – Creditable GST ON REIMBURSEMENT BASIS (Not included in quoted Price in SP-0)**


- BIDDER ARE ADVISED TO CONSIDER PREVALING RATE OF GST FOR QUOTING THE BELOW CEILING AMOUNT. THE REIMBURSEMENT SHALL BE PAID AGAINST SUBMISSION OF ORIGINAL TAX INVOICES WITH RELATED DOCUMENTS. ALL RELATED AND RELEVANT DOCUMENTS, BUT NOT LIMITED TO ORIGINAL TAX INVOICE, ENDORSED COPY OF CONSIGNMENT NOTE ETC, SHALL BE SUBMITTED BY THE CONTRACTOR AS PER PREVALING RULES AND REGULATIONS.

Sl. No.	Item Description (A)	Maximum Ceiling Amount on Which Non-Creditable GST is applicable (in INR) (B)	% Rate of GST Applicable (C)	AMOUNT of Non – Creditable GST (in INR) D = B x C	HSN / SAC as per GST ACT
1	GST ON SUPPLY OF GOODS (PART BREAK UP OF <b>SP-1</b> )				
2	GST ON SUPPLY OF SERVICES (PART OF BREAK UP <b>SP-2</b> )				

**NOTE :**

- Bidder to note that the Non-Creditable Amount of GST mentioned above shall be considered for Price Bid evaluation. Bidder to also note that apart from the above, if they charge GST, it shall be presumed that input credit of such GST is available to NALCO. The Contractor shall ensure that all the required documents as per the GST regulations are furnished to NALCO with their invoices failing which NALCO shall not make any reimbursement of such GST.
- If the non-creditable GST exceeds the ceiling amount , the excess non creditable GST beyond the ceiling amount shall be to vendors account.

**SIGNATURE & SEAL OF BIDDER**


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**Bidding Document No : 6695-CMG-G00-CA-0014**

- **PRICE SCHEDULE FOR POST WARRANTY COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (PWCAMC).**

**FORM: SP 4**

**DELETED**

Plant  1.0 MTPA ALUMINA REFINERY STREAM-5 DAMANJODI, ODISHA	Client  NALCO	Contract Code  NAL	Document ID  6695-PPM-0007	Contract No.  66-6695		
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**Bidding Document No : 6695-CMG-G00-CA-0014**

**FORM-SP-5**

**GUARANTEED UTILITY CONSUMPTION FIGURES**

**Name of Work :** Residual Process Engineering, Hazop Study with participation by Licensor / tkIS India [Formerly UIPL] / NALCO, Detailed Engineering, Project Management, Total Procurement, Fabrication, Manufacturing, Quality Assurance, Inspection & Expediting, Third Party Inspection, Supplies, Transportation, Insurance, Handling & Storage of all Equipment, Materials, items and other Construction Materials, Construction Management & Supervision, Assembly & Erection, Construction and Installation, Installation of Tie-in points of Piping, Instrumentation, Electrical, Testing, Insulation, Painting, Obtaining all Statutory Approvals (except Environment Clearance which has been obtained by NALCO), Pre-commissioning & Mechanical Completion, Start-up, Commissioning and Performance Guarantee Test Runs of **Alumina Storage & wagon loading at Refinery ( Damanjodi ) and Alumina storage & handling at Port ( Vizag )** and handing over the entire Alumina Storage & wagon loading at Refinery ( Damanjodi ) and Alumina storage & handling at Port ( Vizag ) including spares with Final and "As Built" documentation to NALCO on single point responsibility basis (Lump Sum Turn Key –LSTK- Basis), based on tender documents provided by tkIS India, for 1.0 MTPA ALUMINA REFINERY of M/S NATIONAL ALUMINIUM COMPANY LIMITED (NALCO) at Damanjodi, Orissa, India.


NAME OF BIDDER:

**GUARANTEED UTILITY CONSUMPTION FIGURES**

Sr. No.	DESCRIPTION OF UNIT	UNIT	Utility Consumption
1	GUARANTEED POWER CONSUMPTION	KWH / Ton of Alumina	

- NOTE:- 1. Bidder shall furnish figures of guaranteed utility consumption for **Alumina Storage & wagon loading at Refinery (Damanjodi) and Alumina storage & handling at Port (Vizag)** in the tables given above.
2. Bidder to quote the figures only in table above. No separate tables/conditional figures to be quoted. In case separate table / conditional figures are quoted or if the Bidder does not quote the utility consumption figures in the above table, the Bidder's offer shall be rejected.

**SIGNATURE & SEAL OF BIDDER**

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**PRICE SCHEDULE FOR ONE YEAR OPERATION AND MAINTENANCE SPARES**

**(Other than commissioning & Mandatory required during the defect liability period)**

**Bidding Document No: 6695-CMG-G00-CA-0014**

**FORM: SP 6**

**Name of Work :**

**NAME OF BIDDER :**

S. NO.	DESCRIPTION OF RECOMMENDED SPARES	UNIT	QTY	NAME(S) OF RECOMMENDED MANUFACTURER(S)	FOREIGN CURRENCY 1 (F.C.)(mention currency)		INDIAN RUPEES (INR)
					Currency	IN FIGS.	IN FIGS.

**Note:** The above prices in Form SP-6 shall not be considered in the evaluation of bids.

**SIGNATURE & SEAL OF BIDDER**