

'थाहा नगर विकासको आधार, कृषि, पर्यटन र पूर्वाधार'

040-8000≤€ 040-8000€€ 540-8000€€

थाहा नगरपालिका

नगर कार्यपालिकाको कार्यालय

पत्र संख्याः

चलानी नम्बरः



मिति :

२०७९/०३/३9

स्पष्ट पारिएको सम्बन्धमा ।

यस थाहा नगरपालिका कार्यालयको आर्थिक वर्ष २०७८/०७९ को वार्षिक स्वीकृत कार्यक्रम अनुसार अक्सिजन प्लान्ट खरिदका लागि मिति २०७८ वैशाख १२ गते सार्वजनिक खरिद ऐन तथा नियमावली बमोजिम नयाँ पित्रका राष्ट्रिय दैनिकमा Supply Delivery Installation of Oxygen generation plant of 10nm3/hr को बोलपत्र आव्हान भई खरिद प्रिक्रिया अघि बढाइएको सम्बन्धमा केही सञ्चार माध्यममा विभिन्न कोणबाट प्रकाशन/प्रशारण भएको समाचारप्रति हाम्रो ध्यानाकर्षण भएको छ ।

सञ्चार माध्यमहरुमा आएको समाचारमा उल्लेख भए भै अक्सजन प्लान्ट खरिदमा प्रिक्रिया गलत नभएको स्पष्ट पार्न चाहान्छौं । अक्सिजन प्लान खरिदका लागि मिति २०७८ वैशाख १२ गते सूचना प्रकाशन भई सोको ३० दिनभित्र बोलदाताहरुले आवेदन गर्नुपर्नेमा इ-बिडिङ मार्फत ६ (आठ) वटा बोलपत्रदाताहरुले आवेदन दिएको सम्पूर्णमा जानकारी गराउँदछौं । बोलदाताहरु मध्ये क्रमशः मुनरक इन्टरनेशनल प्रा.लि.ले ९७,१६,०००/- हेल्थकेयर सप्लायर्सले १,०७,६४,०००/- शुभारम्भ सिर्मस ट्रेडर्स प्रा.लि.ले १,१०,०१९९.७५ र अन्य बोलपत्रदाताहरुले यसभन्दा बिह अंक कबोल पेश गरेको र प्रदेश सरकार स्वास्थ्य मन्त्रालय स्वास्थ्य आपूर्ति व्यवस्थापन केन्द्रले उपलब्ध गराएको स्फेसिपिकेशन अनुसार प्राप्त बोलपत्रदाताहरुको आर्थिक तथा प्राविधिक प्रस्तावमाथि मूल्याङ्कन गर्न थाहा नगरपालिकासंग जनशक्ती अभावका कारण मिति २०७९/०२/१२ गते बागमती प्रदेश स्वास्थ्य आपूर्ति व्यवस्थापन केन्द्रसंग बायोमेट्रिक इन्जिनयर माग गर्ने निर्णय भई मिति २०७९/०२/१२ मा परिपत्र भई उक्त बोलपत्रदाताहरुको प्रस्ताव मूल्याङ्कन गराउँदा न्यूनतम बोलदाता पहिलो र दोस्रोको आर्थिक प्रस्ताव कम भएपिन प्राविधिक प्रस्ताव स्फेसिफिकेशन बमोजिम नभएको व्यहोरा सिहत Technical Report प्राप्त भएको हुँदा मिति २०७९/०३/०७ गते राष्ट्रिय दैनिक पित्रकामा सार्वजिनक खरिद ऐन, २०६५ दफा २७ (२) र दफा ४७ को प्रयोजनार्थ शुभारम्भ सिर्मस ट्रेडर्स प्रा.लि.को बोलपत्र स्वीकृत गर्ने आशयको सूचना प्रकाशन भएको छ ।

बोलपत्र स्वीकृत गर्ने आशयको सूचना प्रकाशन पश्चात् मूनरक इन्टरनेशनल प्रा.लि.ले मिति २०७९/०३/१२ गते 'अक्सिजन प्लान्ट खरिद बोलपत्र पुन: मुल्याङ्कन र छानिवन सम्बन्धमा' विषय उल्लेख गरी थाहा नगरपालिकालाई पत्राचार गरेकोमा बोलपत्र मुल्याङ्कन समितिको मिति २०७९/०३/१४ गते बैठक बसी सो पत्रको सम्बन्धमा छलफल गरी समितिको निर्णय अनुसार मिति २०७९/०३/१६ मा छनोट नहुनुको कारण सहित उक्त मूनरक इन्टरनेशनल प्रा.लि.लाई पत्राचार गरिएको छ । बागमती प्रदेश स्वास्थ्य आपूर्ति व्यवस्थापन केन्द्रका बायोमेट्रिक इन्जिनियरबाट प्राप्त प्राविधिक प्रतिवेदन र मुल्याङ्कन समितिको निर्णय अनुसार शुभारम्भ सिर्भस ट्रेडर्स प्रा.लि.संग मिति २०७९/०३/२१ गते सम्भौता भएको व्यहोरा सम्पूर्णको जानकारीका लागि स्पष्ट पारिएको छ । यस विषयमा कोही कसैलाई विस्तृत जानकारी लिनू परेमा प्रचलित ऐन कानून बमोजिम सम्पूर्ण विवरण कार्यालयको तर्फबाट सहजै उपलब्ध गराउन सिकने व्यहोरा अनुरोध गर्दै र विना तथ्य र हल्लाको पछि नलाग्न आग्रह गर्दछौँ ।

थाहा न्यारपालके व्याद्री

यन्द्रायणी चौर, मकवानपुर



040-800048 \$20008-0A0



पत्र संख्याः ४६८/४६८

चलानी नम्बरः 3665

ईन्द्रायणी चौर, मकवानपुर बागमती प्रदेश, नेपाल

मिति :

30/20/2005

विषयः जानकारी अराइएको सम्बन्धमा ।

श्री मुनरक इन्टरनेशनल प्रा.लि., लोकन्थली, खरिबोट भक्तपुर ।

उल्लेखित विषयमा त्यस प्रा.लि. को मिति २०७५/०३/१२ च.नं. १५७/२०७८/०७५ मा बोलपत्र पुनः मूल्याङ्कन र छानविन सम्बन्धमा व्यहोरा उल्लेखित भएको पत्र प्राप्त भयो ।

प्राविधिक मुल्याङ्कन प्रतिवेदन अनुसार तपाईको फर्म निम्न लिखित कारणले छनोट नभएको व्यहोरा जानकारी गराइन्छ ।

तपसिल:

European CE Certificate Not found for JY FY-10/95 model

(Technical Specification: S.No. 1, Terms & Condition, no. C)

हरिलाल परी

(प्रमुख प्रशासकीय अधिकृत)



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Head Office: Lokanthali-16, Kharibot Marg 59 Telephone: +977-1-5182084 5182320

Mobile: 9851204472 | PAN No.: 301809283

J. J. 986 1065 168

श्रीमान नगर प्रमुख ज्यू, थाहा नगरपालिका, नगर कार्यपालिकाको कार्यालय (ईन्द्रायणीचौर, मकवानकपुर-बाग्मती प्रदेश)

विषय : अक्सिजन प्लान्ट खरिद बोलपत्र पूनः मूल्यांकन र छानिबन सम्बन्धमा

महोदय.

उपरोक्त सम्बन्धमा त्यस थाहा नगरपालिकाले २०७९ बैशाख १२ गते नयाँ पत्रिका दैनिकमा प्रकाशित सूचना अनुसारको खुलाएको अक्सिजन जनेरेशन प्लान्ट खरिद/जडान सम्बन्धी बोलपत्र नम्बर (PRO-LAC/Oxygen plant-15/078/79) मा हाम्रो यस मुनरक ईन्टरनेश्नल प्रा.ली.ले आवश्यक सबै प्रिक्रया पूरा गरी माग बमोजिमको स्पेसिफिकेशन अनुसारको सामान न्यूनतम दररेट कायम गरेर उक्त टेण्डर प्रक्रियामा सामेल भएकोमा हामीभन्दा बढि दररेट (रकम) कायम गरी टेण्डरमा भाग लिएको कम्पनीलाई उक्त टेण्डरमा छनौट गर्ने आशयपत्रको सूचना पत्रिकामार्फत थाहा पाउँदा दुःख लागेको छ । नगरपालिकाले लिएको यस कसिमको प्रिक्रयागत छनौट स्वतन्त्र, निश्पक्ष र पारदर्शी नहुँदा आगामी दिनमा हुने अन्य टेण्डर प्रिक्रयामाथि पनि प्रश्न उठ्ने निश्चितप्रायः छ।

के/कित कारणले सबै प्रिक्रिया पूरा गर्दा र न्यूनतम दररेट कायम गरी बोलपत्रमा भाग लिँदापिन हाम्रो कम्पनी छनौट हुन सकेन ? यसबारेमा यहाँको तर्फबाट तत्काल निर्णय सच्याई पून:मूल्यांकन गर्न माग गर्दछौं । यो टेण्डर प्रिक्रयामा हामी भ्याटसिहत ९७ लाख १८ हजार रुपैयाँ (सबभन्दा कम मूल्य) मा सहभागी भएका थियौं । तर, हामीभन्दा करिब १३ लाख बिंढ रुपैयाँ मूल्यमा टेण्डर हालेको कम्पनी छनौट गरिन्ले यो प्रिक्रयामा बदिनयत र खोट देखिएको प्रष्ट हुन्छ ।

हामी यो टेण्डर प्रिक्रयालाई तत्काल स्थगन् गरी पूनः मूल्यांकन गरी प्रिक्रयागत र व्यवहारिक रूपमा निर्णय लिन आग्रह गर्दछौं । यदि बदिनयतपूर्ण तवरले गैरकानूनी रुपमा अख्तियारको दुरुपयोग गरी गरिएको टेण्डर छनौट नसच्याईए हामी आवश्यक कानूनी उपचारमा जान बाध्य हुनेपनि यसै निवेदन मार्फत जानकारी गराउन चाहन्छौं। नगरपालिकाले यस टेण्डर प्रिक्रयाबारे लिएको गलत निर्णयको पत्रकार सम्मेलनमार्फत भण्डाफोर गर्न पनि बाध्य हुनेछौं । साथै, टेण्डर प्रक्रियामा निर्णय गर्ने अिख्तयारप्राप्त व्यक्तिहरुबाट कानून र अिख्तयारको दुरुपयोग गरी निर्णय लिईएकोले यस निर्णय प्रिक्रयामा संलग्नहरुउपर अख्तियार दुरुपयोग अनुशन्धान आयोगमा समेत छानिबन गरि दोषीउपर कारबाहीको लागि जाने जानकारी गराउँदछौं।

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निवेदक

ममता देवी भा संचालक/प्रबन्ध निर्देशक

Technical report- OXYGEN PLANT WITH REFILLING SYSTEM

The evaluation is based on the catalogue/supporting documents/certificate attached along with the bidding documents. Some Certificate and product information has checked online to verify the documents.

- Moonrock International (p) Ltd offering Jailer technology co.ltd., <u>OXYGEN PLANT WITH REFILLING SYSTEM</u> (Technically not responsive because of following deviation) **
 Manufacture should provide copy of valid ISO and European CE / US-FDA certificate.
 European CE certificate not found for JYFY-10/95 model.
- Health care suppliers offering Amcaremed Technology co.ltd.., OXYGEN PLANT WITH
 <u>REFILLING SYSTEM</u> (Technically not responsive because of following deviation) **
 Manufacture should provide copy of valid ISO and European CE / US-FDA certificate.
 Valid European-CE not found for the product..
- 3. Subharambha Pvt. Ltd offering Summits hygronics pvt.ltd.., <u>OXYGEN PLANT WITH REFILLING SYSTEM</u> is compliance with some minor consideration. (Technically responsive) **
- 4. Technical associates offering Sumer comp air bailian... OXYGEN PLANT WITH REFILLING SYSTEM is compliance with some minor consideration. (Technically responsive) **
- 5. P.D. Engineering offering Mentis engineering., <u>OXYGEN PLANT WITH REFILLING SYSTEM</u> is compliance with some minor consideration. (Technically responsive) **
- 6. Nikki distributors offering Sam Gas project., OXYGEN PLANT WITH REFILLING SYSTEM is compliance with some minor consideration. (Technically responsive) **
- 7. Everest line offering Mentis engineering., OXYGEN PLANT WITH REFILLING SYSTEM is compliance with some minor consideration. (Technically responsive) **
- 8. Hyundai water offering Kanti industries., OXYGEN PLANT WITH REFILLING SYSTEM is compliance with some minor consideration. (Technically responsive) **

TECHNICAL SPECIFICATION OF OXYGEN PLANTA

WITH REFILLING SYSTEM

	Purchasers specification	Bidde	ers offer	r					
	Bidder	Мо	Healt	Subh	Tech	P.	Ni	Ever	Hyu
		onr	hcar	aram	nical	D.	kki	rest	ndai
		ock	e	bha	asso	En	dist	line	wate
		Int	Supp	Pvt.	ciate	gin	rib	70	r
		ern	liers	Ltd	s	eer	uto		
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		nal							
	•	(p)							
		Ltd							
	Manufacturer:	Jail	Amc	Sum	Sum	Me	Sa	Men	Kant
	Manufacturer.	er	arem	mits	er	ntis	m	tis	i
		tec	ed	hygr	com	eng	gas	Engi	indu
		hno	Tech	onics	p air	ine	pro	neeri	strie
		log	nolo	pvt.lt	baili	eri	ject	ng	S
		У	gy	d.	an	ng	S		
		co.l	co.lt						
		td.	d.						
	Brand:	JY	Amc	sum	Fres	Me	Sa	Men	KO-
	Diane.	FY	arem	mits	h	ntis	m	tis	10
		-	ed		200,	M-	gas	atlas	Indi
		10/	OY-		com	sps	pro	corp	a
		95	100		p air	A1	ject	0	
						5	S		
-	Country of Origin:	Chi	Chin	Indi	Turk	Tur		Turk	Indi
	Country of the grant of the gra	na	a	a	ey,in	key	ia	ey,s	a
	u u				dia			wed	
					chin			en/in	
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				1				chin	
								a	
1	DESCRIPTION OF FUNCTION								
1	Microprocessor Based Oxygen Generation	Co	Com	Com	Com	Co	Co	Com	
	Plant.	mp	ply	ply	ply	mp	mp	ply	ply
	a. Should be based on Pressure Swing	-				ly	ly	43	
	Adsorption (PSA) Technology,								
-	redorption (2 572)		1		/				

(

	and I have been duty								
	consisting of twin column, heavy duty								
	medical generator made to work 24/7.	Со	Com	Com	Com	Со	Co	Com	Com
	GENERAL REQUIREMENT:		(2)	ply	ply	mp	mp	ply	ply
2		mp	ply	pry	Piy	ly	ly	1 3	
		ly	~	0	Com	Co	Co	Com	Com
	PSA OXYGEN GENERATOR:	Co	Com	Com				ply	ply
	a. Should generate oxygen with purity:	mp	ply	ply	ply	mp	mp	Piy	Pij
	$95\% \pm 1\%$	ly				ly	ly		
	b. Should have capacity around 10.0								
	Nm ³ /h, (25 or more big cylinders).								
	c. Should have outlet pressure between					1			
	4.0 - 6 bar (g)								
	d. Column Vessels: Should be								
	manufactured according to pressure								
	equipment directive and should power								
	coated and calculated for demanding								
	unlimited load cycle requirement.								
	gi ald be steinless steel architecture								
2.	1 in a filtration to the								
1	f. Should be submicronic intration to the air inlet of size 0.01 µm			587					
	s 1 11 met he loss than 5 0" size								
	TV 1 and address and seat								
	h. Process valves: solely aligne seat pneumatic process valves with								
	stainless steel body and piston stems								
	which guarantee a reliable operation in								
	a long service life.								
	0 114								
	1 1 1 1 and material of high	1							
	j. Should have adsorbent material of high quality, long life molecular sieve								
	(Zeolite) with expected life of more								
	than 8 years								
	COMPRESSED AIR SYSTEM:	Co	Con	n Con	n Con	Co	Co	Con	
	100 4 1-10	m	ply	ply	ply	m	p m	p ply	ply
2	dayon chould	1 -		1000		ly	ly		
2	b. Both compressor and dryer should meet quality standard.								
_	AIR COMPRESSOR:	Co	Cor	n Cor	n Con	n Co	o C	o Cor	
	1 1 1 illinicated rotar			ply	ply	m	p m	p ply	ply
		ly				ly	ly		
	1 01 11 have began duct filter installe			*					
	in the compressor.								
	in the compressor.				(//	hs			
			1	191	X	18			
				4.17	To the state of th	E E			
				10	Faller Ma	To Bi			

	1 1 1 duty								
	consisting of twin column, heavy duty								
	medical generator made to work 24/7.	Ca	Com	Com	Com	Со	Со	Com	Com
	GENERAL REQUIREMENT:	Со		ply	ply	mp	mp	ply	ply
2		mp	ply	pry	pry	ly	ly	1 5	
		ly	0	Cam	Com	Co	Co	Com	Com
	PSA OXYGEN GENERATOR:	Co	Com	Com		mp	mp	ply	ply
	a. Should generate oxygen with purity:	mp	ply	ply	ply	ly	ly	P	1 3
	95% ±1%	ly				ly	1 y		
	b. Should have capacity around 10.0					1			
	Nm^3/h , (25 or more big cylinders).								
	c. Should have outlet pressure between								
	4.0 - 6 bar (g)								
	d. Column Vessels: Should be								
	manufactured according to pressure								
	equipment directive and should power								
	coated and calculated for demanding	-							
	unlimited load cycle requirement.								
2.	e. Should be stainless steel architecture								
1	f. Should be submicronic filtration to the								
1	air inlet of size 0.01 µm								
	g. Screen should not be less than 5.0" size								
	h. Process Valves: solely angle seat								
	pneumatic process valves with								
	stainless steel body and piston stems								
	which guarantee a reliable operation in								
	a long service life.								
	i. Oxygen Quality:								
	i. Should have adsorbent material of high	1							
	quality, long life molecular sieve								
	(Zeolite) with expected life of more	9							
	than 8 years		1			-		Con	n Com
	COMPRESSED AIR SYSTEM:	Co							ply
2	100 4 1-40	mp	ply	ply	ply	m		ply	pry
2	b. Both compressor and dryer should	d ly				ly	ly		
-	meet quality standard.							Con	n Com
	AIR COMPRESSOR:	Co	Con						
2	- 1 1 - 1 - 1 - 1 injected reter	y m	p ply	ply	ply	m			ply
2	screw type compressor.	ly				ly	ly		
1	1 of 11 have beary dust filter installe	d		8.					
	in the compressor.			m					
	-		/			Ja.			
			•	()	I SE	10			
				The state of	Call &	春春			
					Fall of	E.			

T	c. Should have maximum outlet pressure:								
	around 10 bar								
	d. Should have maximum motor power								
	around 20 KW.			8					
	e. Should have premium efficiency motor								
	f. Should have integral oil separator.								
	g. Should have automatic restart feature								
	after power failure as required under				7				
	ISO.								
	h. Should have air cooler and after cooler.								
	i. Should have "Traffic Light" LEDs for								
	at-a-glance operational status.		~	0	Com	Со	Со	Com	Com
	AIR DRYER:	Co	Com	Com	Com			ply	ply
	a. Should be self-integrated Desiccant	mp	ply	ply	ply	mp	mp ly	pry	Pij
2	dryer(purifier) technology.	ly				ly	1 y		
2.	b. Should be operating pressure around								
2.	10 bar								
2	c. Should be dew point +3 °C or less.								
	d. Capable for automatic, mechanical								
	condensate drain.	-	0	C	Com	Co	Co	Com	Com
	AIR FILTRATION -	Co	Com	Com	ply	mp	mp	ply	ply
	a. Should have high class process filter	mp	ply	ply	pry	ly	ly	P-3	1 3
2.	fitted to ensure inlet and outlet gas	ly				13	1,7		
2.	quality.					1			
3	b. Should have superfine filter of 0.01								
	micron fixed for particle filtration.								
	c. Should be fixed with filter with sterile								
	and bacteria filter of 0.01 micron.	Со	Com	Com	Com	Co	Co	Com	Com
	CONTROL & MONITORING:		ply	ply	ply	mp	mp	ply	ply
	a. Should be control panel with 5" or	ly	pry	Piy	Pij	ly	ly	1 3	
	more size	1 1 9							
	b. Should have continuous Mode Start &								
3	Stop Button								
	c. Should display operating and								
	measurement values for purity								
	d. Should display operating and			and the state of	44				
	measurement values for outlet			1					
	pressure.			N	X	45	-		
				(XX	16°			
				भिर्देश	an its out of	300			
				2	हा, सकवानप	5,			

	 e. Should display operating and measurement values for Operating hours. f. Should have default low purity emergency and alarm notification. g. Have facility for Data export of all process values via Ethernet or USB or SD card. h. Have automatic service reminders for periodic maintenance due. 						Ca	Com	Com
4	OXYGEN PRODUCT TANK a. The plant is equipped with an oxygen product tank of not less than 1000 liters size and a maximum permissible operating pressure of 10bar. b. The design criteria for the tank should fully comply and meet the requirements of the standards under	Co mp ly	Comply	Com	Comply	Co mp ly	Co mp ly	Comply	ply
5	Pressure Directives 97/23/CE. AIR BUFFER TANK a. The plant is equipped with an air buffer tank of not less than 1000 liters size and a maximum permissible operating pressure of 10 bar. b. The design criteria for the tank should fully comply and meet the requirements of the standards under	Co mp ly	Comply	Com	Com	Co mp ly	Co mp ly	Com	Com ply
6	Pressure Directives 97/23/CE. AMBIENT CONDITION The ambient site conditions are referenced and the entire plant is calculated, designed and constructed to perform as per the maximum conditions stated: a. Altitude: 1400 meter above sea level. b. Temperature min/max +10° to +40°C Relative humidity max.: 80%	Co mp ly	Com	Com	Com	Co mp ly	Co mp ly	Com	Comply
7	High Pressure Booster (Oxygen Compressor) a Used for filling cylinders of any size up to 150 bar. b. Around:- 8 Nm3/h	Co mp ly	Com	Comply	Comply	Co mp ly	Co mp ly	Comply	Comply

	c. Microprocessor based filling system								
	(PLC system comprising logic								
	controller)								
	d. Filling pressure – max.150 bar								
	e. Cylinder size – around 7 Nm3								
	f. Filling Per day around 25 cylinders								
	h. Power requirement: 400V – tri phase –								
	50Hz								
	i. Oil free, reciprocating system, HP								
	flexible hoses.								
	j. Fully automatic with micro controller								
	based system								
	k. Heavy duty design for continuous								
	operation (24/7)								
	I. Full autonomy: designed to fill backup								
	cylinders and mobile cylinders on site								
	m. Long service life								
	n. Low noise level								
	p. Compatible with existing Oxygen								
	generating plant.								
	q. ISO and CE marked as medical device.	~		C	C	Со	Со	Com	Com
	STANDARDS:	Co	Com	Com	Com			ply	ply
	The complete oxygen plant is certified ISO	mp	ply	ply	ply	mp lv	mp ly	pry	1 2
8	9001 and ISO 13485 for the design and	ly				ly	Ty		
	manufacture of medical gas system and								
	European CE marked as medical device.			C	Cam	Со	Со	Com	Com
	ACCESSOREIS, SPARE PARTS AND	Со	Com	Com	Com	32200000		ply	ply
	CONSUMABLES:	mp	ply	ply	ply	mp	mp ly	pry	pry
9	All standard accessories/consumables/parts	ly				ly	1 y		
	required for proper operation of the plant								
	should be listed in the offer.			0		Co	Co	Com	Com
	PREVENTIVE MAINTENANCE:	Со	Com	Com	Com	Со	Co		ply
1	Preventive and corrective maintenance	mp	ply	ply	ply	mp	mp	ply	bry
0	services during warranty period shall be	ly				ly	ly		
	included.	-			C	Ca	Со	Com	Com
1	INSTILLATION AND COMMISSIONING	Co	Com	Com	Com	Co		ply	ply
1	Shall be installed and commissioned by the		ply	ply	ply	mp	mp		Pry
1	supplier at the final destination	ly			1	D'X	ly l		
				<		XX		No.	
					स्व	पिड्य 🏹	Mary Star	1	
						हेटोड	Magalya		

	TO A DIDIO	Co	Com	Com	Com	Co	Co	Com	Com
	USER TRAINING Should provide training on site.	mp	ply	ply	ply	mp	mp	ply	ply
2	Should provide training on site.	ly	1 -			ly	ly		
+	WARRANTY:	Co	Com	Com	Com	Co	Co	Com	Com
1	Should have 2 year's warranty without	mp	ply	ply	ply	mp	mp	ply	ply
	consumables.	ly	~		Com	ly	ly Co	Com	Com
1	DOCUMENTATION:	Co	Com	Com	Com	mp	mp	ply	ply
1	Must be supplied with detailed operation	mp	ply	ply	pry	ly	ly	F	
•	manual in English language.	ly c.	c.	Com	Com	Co	Co	Com	Com
	TERMS AND CONDITIONS a. The supplier must submit the color original	No	Not	ply	ply	mp	mp	ply	ply
	brochure with specification in English	t	Co			ly	ly		
		Co	mpl						
	Language.	mp	y						
	b. All the equipment of oxygen plant should	ly							
	be manufactured tested and verified.								
	c. Manufacture should provide copy of valid								
	ISO and European CE / US-FDA								
	certificate.								
	d. Up-to-date ISO 9001 and ISO 13485								
	certificates clearly mentioning OXYGEN								
1	GENERATION SYSTEMS in the								
5									
	covered activities.	1							
	e. Declaration letter stating that the produced								
	oxygen plant is designed & manufactured								
	as a medical device for Medical Use only								
	f. Conformation letter declaring that								
	Manufacturer producing exclusively								
	Medical grade oxygen generating plant								
	(following the medical equipment								
	standard) in the world.								
		e			1.0	Ton.			
	g. A valid distributor authorization certificate from manufacturer shall be required alon	1			100	Ai-	112		
	from manufacturer shall be required along	0				X	THE PERSON		
				(A TON		
					स्वा	क्राची आपी	Had ka		
						77	511		

	with the Bid documents and after sales		
	service must be locally available.		
	h. Breakdown maintenance calls shall be		
	attended within 6 hours by the contractor		
	within warranty period.		
	i. Supplier/distributer must have installed at		
	least one oxygen plants of similar capacity		
	or higher.		
1	No.	1 / 5	

Biomedica Engineer



नगर कार्यमुख्यिकाको कार्यालय

पत्र संख्याः ०६८-०६८

चलानी नम्बरः 2953

इन्द्रायणी चीर मुकवानपुर बारामदी पुढेश, नेपाल

मिति :

200H/02/92

विषय: इन्जिनियर उपलब्ध गराइदिने बारे।

श्री कार्यालय प्रमुख ज्यू, स्वास्थ्य व्यवस्थापन आपूर्ति केन्द्र, हेटौंडा, मकवानपुर ।

उल्लेखित विषयमा यस कार्यालयबाट मिति २०७५/०१/१२ गते Supply Delivery Installation Of Oxygen generation plant Of 10nm3/hr को ठेक्का आव्हान गरिएकोले सो कार्यको मूल्याङ्कनको निम्ति आवश्यक इन्जिनियर उपलब्ध गराइदिन्हुन अनुरोध छ ।

हरिलाल पुरी

(प्रमुख प्रशासकीय अधिकृत)

हरिलाल पुरी प्रमुख प्रशासकीय अधिकृत

TECHNICAL SPECIFICATION OF OXYGEN PLANT WITH REFILLING SYSTEM

	P. J. S. C.	Bidders of	ler	
	Purchasers specification Manufacturer:	Yes/no	Pg no in catalogue	Deviation
	Brand:			
	Country of Origin:	<u> </u>		
	DESCRIPTION OF FUNCTION	***************************************		
	Microprocessor Based Oxygen Generation Plant.		and the second s	
	Chould be based on Pressure Swing Adsorption (FSA)			
	Technology, consisting of twin column, heavy duty			
	medical generator made to work 24/7.			
2	GENERAL REQUIREMENT:			
	POL OVYCEN GENERATOR:			
	at 11 morete ovugen with purity: 95% ±1%	and a second sec		Casa-Casa-Casa-Casa-Casa-Casa-Casa-Casa
•	b. Should have capacity around 10.0 Nm ³ /h, (25 or more			
	1: autindare)			and the second s
	of 11 have gutlet pressure between 4.0 - 0 our (g)		and the second	
	Vescale: Should be manufactured according	400		
	againment directive and should power court			
	and calculated for demanding unlimited load cycle			
	requirement.			
	or the stainless steel architecture			
	f. Should be submicronic filtration to the air inlet of size			
	0.01 um		7	
2.1	and not be less than 5.0" SIZE			
2.1	Values colely angle seat pneumatic proces	S	-	
	the trainless steel body and piston stems	n		
	guarantee a reliable operation in a long service life.			
	i Oxygen Quality:			
1.4	• Purity: 95% ±1%			
	• Water content :< 67PPM			
	• CO: < 2 ppm			
	• CO2: <150 ppm			
	011 -0.05 mg/m3		gi.	
	lambout material of high quality, to	ng		
	j. Should have adsorbent indexes. life molecular sieve (Zeolite) with expected life of mo	ore		
,	life molecular sieve (Zeome)			100
	than 8 years			and the second s

***************************************	COMPRESSED AIR SYSTEM:	and the second of the second of the second of			1
and the second s	a. Should meet ISO standards				
2.2	b. Both compression				
	b. Both compressor and dryer should meet quality standard.	•			
	AIR COMPRESSOR:	and the second s	Mary and Mary and Association and the second		
Till Control of the C					
	a. Should be air cooled, oil injected rotary screw type				
	compressor.	2			
	b. Should have heavy dust filter installed in the				
	compressor.				
	c. Should have maximum outlet pressure: around 10 bar				
2.2.1	d. Should have maximum motor power around 20 KW.		minute statisficar		
The state of the s	e. Should have premium efficiency motor		e-manufacture and		- Marine
providence description	f. Should have integral oil separator.		es apropagativa	- 1	A
	g. Should have automatic restart feature after power		e e e e e e e e e e e e e e e e e e e		School Section
	failure as required under ISO. h. Should have air cooler and after cooler.		and the second s		A CONTRACTOR OF THE CO.
				· .	0
	 Should have "Traffic Light" LEDs for at-a-glance operational status. 			ph-1000auanapanoa	
	AIR DRYER:	AND ME WAS TO SELECT THE SELECT OF THE SELEC	Topic conducting Control of Contr	**************************************	
And the second s	a. Should be self-integrated Desiceant dryer(purifier)			Manage	
-	technology			n epigen i approvince	
2.2.2	b. Should be operating pressure around 10 bar			9000000	
	c. Should be dew point +3 °C or less.		e.	C. representation of the control of	
	d. Capable for automatic, mechanical condensate drain.		BLUBBO CORPORADO		
	AIR FILTRATION -	a vina madalan a darah darah darah serina keruana keruan keruan menanggi pagunan menjeri			
	a. Should have high class process filter fitted to ensure		narion aparecionario		
	inlet and outlet gas quality.				
2.2.3	b. Should have superfine filter of 0.01 micron fixed for		And the second s		
	particle filtration.	and the state of t			
	c. Should be fixed with filter with sterile and bacteria	organization of the control of the c	a.e	approvations defining	
	filter of 0.01 micron.			***************************************	
	CONTROL & MONITORING:			energy specificación	
A special constitution of the constitution of	a. Should be control panel with 5" or more size			Color Coloradores Color	
	b. Should have continuous Mode Start & Stop Button	Application of the Control of the Co			
	c. Should display operating and measurement values for		100		
3	purity			g- g	
	d. Should display operating and measurement values for			gland and a second	
	outlet pressure.		Section of Commencer of Commenc		
	e. Should display operating and measurement values for		Septimental and the season of		
	Operating hours.	The state of the s	4 - 1		
			*		

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	f. Should have default low purity emergency and alarm		,	
	notification.			
	g. Have facility for Data export of all process values via			
	Ethernet or USB or SD card.	r		
	h. Have automatic service reminders for periodic			
	maintenance due.			
,	OXYGEN PRODUCT TANK			
	a. The plant is equipped with an oxygen product tank of			
	not less than 1000 liters size and a maximum		,	
4	permissible operating pressure of 10bar.	e e		
4	b. The design criteria for the tank should fully comply and			
	meet the requirements of the standards under Pressure		8	
	Directives 97/23/CE.			
***************************************	AIR BUFFER TANK			
	a. The plant is equipped with an air buffer tank of not less	_		
	than 1000 liters size and a maximum permissible			
5	operating pressure of 10 bar. b. The design criteria for the tank should fully comply and			
	meet the requirements of the standards under Pressure			
	Directives 97/23/CE.			
	AMBIENT CONDITION			- convenience conflict - in the conflict - in the convenience of the c
	The ambient site conditions are referenced and the entire plant		, ,	
	is calculated, designed and constructed to perform as per the			• ••••
,	maximum conditions stated:			
6 .	a. Altitude: 1400 meter above sea level.		2. 2	and the second s
	b. Temperature min/max +10° to +40°C			
			u-respective production of the contract of the	
	Relative humidity max.: 80% High Pressure Booster (Oxygen Compressor)		- reaccess and access of the contract of the c	
	to continue to the same of any size up to 150 har		General Control of Con	
	1 2 2 2 2 2		Recognition of the Control of the Co	
	hand filling system (PLC system	7 7 1		
	c. Microprocessor based fining system (120 system comprising logic controller)		National displacements	
	150 har			
7	a state amount 7 NmR			
	105 - 15 - 15			
	the auctob WIP Heyible hoses			
	i. Oil free, reciprocating system, in the total mases. Fully automatic with micro controller based system.			
	for continuous operation (24/7)			
	k. Heavy dub acsign for continuous of	*		1

प्रदेश स्वास्ट्रा

. 10 Paradects Control Meets them	I. Full autonomy: designed to fill backup cylinders and mobile cylinders on site				
	m. Long service life				
	n. Low noise level				
	p. Compatible with existing Oxygen generating plant.	, and a second a seco		version Conference	
	q. 180 and CE marked as medical device.	The control of the co			
	STANDARDS:			and the same of th	
	The complete oxygen plant is certified ISO 9001 and ISO				
8	13485 for the design and manufacture of medical gas system				
	and European CE marked as medical device.	g gang pagagan mang menjaman di 1997.	Anna Angelong Statement (St. 1887). State 1 (1887) - 1.	100 N. 100 CO. 100	
er og sog gedospre Miller hark	ACCESSOREIS, SPARE PARTS AND CONSUMABLES:			,	
0	All standard accessories/consumables/parts required for proper		b 0		
	operation of the plant should be listed in the offer.	and have been assured to the second	and the second s		
	PREVENTIVE MAINTENANCE:				
10	Preventive and corrective maintenance services during			Signatura (Signatura (
	warranty period shall be included.	Sanda en		w	
	INSTILLATION AND COMMISSIONING		- market city of the control of the		
11	Shall be installed and commissioned by the supplier at the final			BA-BBOOKS - 1.000	
ode code accidente cada	destination	Carlotter Comment		•	
12	USER TRAINING			-	
12	Should provide training on site.	and the state of t	and the second control of the second control		
13	WARRANTY:	a" "	8	4 (1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(
	Should have 2 year's warranty without consumables.	nga ngahino, ng nga ikawan ingga nambahahahah ni ni ikawan i			10.3
	DOCUMENTATION:				
14	Must be supplied with detailed operation manual in English	•		and the second s	
	language.	and a summer and the summer of	The state of the s	-	o la ves
And the second s	a. The supplier must submit the color original brochure with				
and the same of th					
- Address	specification in English Language.				
energy de district	b. All the equipment of oxygen plant should be manufactured				
	tested and verified.		•	spending to their reserve	
15		W.		Trees and the state of the stat	
				Budiciano como	
	European CE / US-FDA certificate.				
	d. Up-to-date ISO 9001 and ISO 13485 certificates clearly				
And the second s	mentioning OKYGEN GENERATION SYSTEMS in the				
- 6	The second secon		L		

STATE TO

- e. Declaration letter stating that the produced oxygen plant is designed & manufactured as a medical device for Medical Use only
- f. Conformation letter declaring that Manufacturer producing exclusively Medical grade oxygen generating plant (following the medical equipment standard) in the world.
- g. A valid distributor authorization certificate manufacturer shall be required along with the Bid documents and after sales service must be locally available.
- h. Breakdown maintenance calls shall be attended within 6 hours by the contractor within warranty period.
- i. Supplier/distributer must have installed at least one oxygen plants of similar capacity or brigher.

Prepared by:

Er_Rajeshworkamali

Biomedical Engineer

9851041546

Logistic Management Centre, Makawanpura