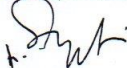
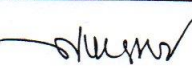


LAMPIRAN

Lampiran 1 Purchase Request TJB-PC 17944 R00 Emission Sampling for Hg Parameter (Sumber : PT. PLN Tanjung Jati B)

tjb Power Services		PURCHASE REQUEST		Number / Nomor : TJB-PC 17944 Date / Tanggal : Feb 20, 2017 4:13 PM		
Emission Sampling for Hg Parameter						
Department :		EHS				
Section :		Environment				
Cost Centre - Account Code :		A802C40503-6000205007				
Remarks/Special Instruction :		Refer to PLN letter No. TJB-CP-17335				
Item No.	Item Code	Description	Quantity		Estimated Price	
			Order	Unit	Unit Price	Total
1		Emission sampling and analysis	1.00	PACK	61,613,066.67	61,613,066.67
2		Coal Analysis for Hg Parameter	1.00	PACK	3,065,066.67	3,065,066.67
3		Sampling Cost: Technician, Equipment, Transportation, Accommodation, Shipping & Packaging, Reporting	1.00	PACK	34,140,000.00	34,140,000.00
Estimated Grand Total Value (VAT excluded)					IDR	98,818,133.34
VAT (10%)					IDR	9,881,813.34
Estimated Grand Total Value (VAT included)					IDR	108,699,946.68
Additional Information			Advise for Procurement Process			
Priority *)	: 1 Urgent (< 1 month lead time)		Material/Sparepart	:		
Required Date	: Feb 28, 2017 4:13 PM		Vendor Candidates	:		
Item Classification	: YR1		Price	:		
Old Budget Categories	:		Certificate	:		
Budget Categories	: WASTE HANDLING		Budget ID	: 3.2		
Procurement Process Guideline						
Prepared By	Reviewed By	Approved By	Approved By PT. PLN(Persero), Pembangkitan Tanjung Jati B			
						
Elfini Suciati	Gotot Setiyono	Sauli Lehtinen - Station Manager	Acting Manager of Primary Energi & OHSE - Winarno			
Distribution: Original: Purchasing, 1st Copy: User, 2nd Copy: Store. * Standard Priority Classification. May deviate due to source of delivery and plant status.						

RECEIVED
24 MAR 2017
RECEIVED

Lampiran 2 RFQ TJB-PC 17944 R00 PT. ALS Indonesia(Sumber : PT. PLN Tanjung Jati B)

**REQUEST FOR QUOTATION**

Apr 5, 2017 1:26 PM
TJB-PC 17944 - RFQ

To : ALS INDONESIA
Jl. Raya Puncak Km. 72.6 Cibogo
Bogor
West Java
Phone : 0251 8253813
Fax : 0251 8253814
Attention : Saqina
Email : sales@alsindonesia.com
Subject : Emission Sampling for Hg Parameter

We are pleased to request your quotation for the above mentioned subject for PT. Tanjung Jati Power Services 2x660 MW Power Plants as required in our attached specification.
Please quote your best delivery time with the delivery condition DDP TJB Tanjung Jati B Power Plant (preferable) or CIF Semarang Port, Mid Java Indonesia (Incoterms 2000).
Terms and conditions of payment is thirty (30) days net after accepted delivery and invoice.

Please submit your proposal as follow either by:

A. Facsimile : +62 291 772119
Attention : Endhy Suparman
Reference : TJB-PC 17944

B. Mail (Sealed Envelope)
PT. PLN(Persero) Pembangkitan Tanjung Jati B
Tanjung Jati B Power Plant
Desa Tubanan, Kecamatan Kembang
Kabupaten Jepara, Jawa Tengah
59453

C. Email : endhy.suparman@tjbservices.com
Reference : TJB-PC 17944

Please acknowledge your receipt of this RFQ and inform us of your earliest possible quotation submission date. After evaluation of this quotations, we will contact to preferred bidders for further clarifications or negotiations.

We look forward to receive your reply as soon as possible. Please do not hesitate to contact us for further information.

Your Sincerely,
Procurement,
E-mail: endhy.suparman@tjbservices.com
Mobile : -

APPENDICES
Exhibit A. TJB-PC17944 - RFQ Specification.

PT. TJB POWER SERVICES
Tanjung Jati B Power Plant, Desa Tubanan, Kecamatan Kembang, Kabupaten Jepara, Jawa Tengah.
Phone: +62 291 772 566 Fax: +62 291 772 119

Lampiran 3 RFQ TJB-PC 17944 R00 PT. Intertek Utama Services (Sumber : PT. PLN Tanjung Jati B)



REQUEST FOR QUOTATION

Apr 5, 2017 1:26 PM
TJB-PC 17944 - RFQ

To : INTERTEK UTAMA SERVICES, PT
Jl. Raya Bogor KM 28 RT 004 RW 007 Pekayon
Pasar Rebo, Jakarta Timur
DKI Jakarta
Phone : 021-29384454
Fax : 021-29384465
Attention : Mrs. Anjar Siswandari
Email : anjar.siswandari@intertek.com; reg.dewit@intertek.com
Subject : Emission Sampling for Hg Parameter

We are pleased to request your quotation for the above mentioned subject for PT. Tanjung Jati Power Services 2x660 MW Power Plants as required in our attached specification.
Please quote your best delivery time with the delivery condition DDP TJB Tanjung Jati B Power Plant (preferable) or CIF Semarang Port, Mid Java Indonesia (Incoterms 2000).
Terms and conditions of payment is thirty (30) days net after accepted delivery and invoice.

Please submit your proposal as follow either by:

- | | |
|---|---|
| <p>A. Facsimile : +62 291 772119
Attention : Endhy Suparman
Reference : TJB-PC 17944</p> | <p>B. Mail (Sealed Envelope)
PT. PLN(Persero) Pembangkitan Tanjung Jati B
Tanjung Jati B Power Plant
Desa Tubanan, Kecamatan Kembang
Kabupaten Jepara, Jawa Tengah
59453</p> |
| <p>C. Email : endhy.suparman@tjbservices.com
Reference : TJB-PC 17944</p> | |

Please acknowledge your receipt of this RFQ and inform us of your earliest possible quotation submission date. After evaluation of this quotations, we will contact to preferred bidders for further clarifications or negotiations.

We look forward to receive your reply as soon as possible. Please do not hesitate to contact us for further information.

Your Sincerely,
Procurement,
E-mail: endhy.suparman@tjbservices.com
Mobile : -

APPENDICES
Exhibit A. TJB-PC17944 - RFQ Specification.

PT. TJB POWER SERVICES
Tanjung Jati B Power Plant, Desa Tubanan, Kecamatan Kembang, Kabupaten Jepara, Jawa Tengah.
Phone: +62 291 772 566 Fax: +62 291 772 119

Lampiran 4 RFQ TJB-PC 17944 R00 PT. Envilab Indonesia (Sumber : PT. PLN Tanjung Jati B)

**REQUEST FOR QUOTATION**

Apr 5, 2017 1:26 PM
TJB-PC 17944 - RFQ

To : ENVILAB INDONESIA, PT
B-35 MANYAR MAS KARIMUN JL. RAYA MA
Gresik
Jawa Timur
Phone : 031-99006835
Fax : 031-99006834
Attention : Mr. Gomaruddin Ardiansyah
Email : andik@envilab-id.com
Subject : Emission Sampling for Hg Parameter

We are pleased to request your quotation for the above mentioned subject for PT. Tanjung Jati Power Services 2x660 MW Power Plants as required in our attached specification.
Please quote your best delivery time with the delivery condition DDP TJB Tanjung Jati B Power Plant (preferable) or CIF Semarang Port, Mid Java Indonesia (Incoterms 2000).
Terms and conditions of payment is thirty (30) days net after accepted delivery and invoice.

Please submit your proposal as follow either by:

- | | |
|---|---|
| <p>A. Facsimile : +62 291 772119
Attention : Endhy Suparman
Reference : TJB-PC 17944</p> | <p>B. Mail (Sealed Envelope)
PT. PLN(Persero) Pembangkitan Tanjung Jati B
Tanjung Jati B Power Plant
Desa Tubanan, Kecamatan Kembang
Kabupaten Jepara, Jawa Tengah
59453</p> |
| <p>C. Email : endhy.suparman@tjbservices.com
Reference : TJB-PC 17944</p> | |

Please acknowledge your receipt of this RFQ and inform us of your earliest possible quotation submission date. After evaluation of this quotations, we will contact to preferred bidders for further clarifications or negotiations.

We look forward to receive your reply as soon as possible. Please do not hesitate to contact us for further information.

Your Sincerely,
Procurement,
E-mail: endhy.suparman@tjbservices.com
Mobile : -

APPENDICES
Exhibit A. TJB-PC17944 - RFQ Specification.

PT. TJB POWER SERVICES
Tanjung Jati B Power Plant, Desa Tubanan, Kecamatan Kembang, Kabupaten Jepara, Jawa Tengah.
Phone: +62 291 772 566 Fax: +62 291 772 119

Lampiran 5 Penawaran PT. Envilab Indonesia PO TJB-PC 17944 R00 (Sumber : PT. PLN Tanjung Jati B)



PT. Envilab Indonesia
MANYAR MAS KARIMUN INDUSTRIAL BUSINESS PARK B-35, MANYAR-GRESIK
Tlp: 031-99006835, Fax: 031-99006834



To : PT TJB Power Services
Att : Mrs. Tiara Farina (EHS Department)
Phone/Fax No. : 081325721772
From : Andik
No. of Page(s) : 1
Subject : Penawaran Harga

Ref. : ENV/II-17/QT/0326
Date : 17 Feb 2017
Copies : -

No	Jenis Pengujian	Jumlah sampel	Harga / Satuan	Harga Total
1	Pengukuran Parameter Hg (Mercury) pada Emisi Metode SNI 7117.20-2009 (USEPA 29)	2	85,000,000	170,000,000
2	Analisa Hg dalam Batu Bara	2	4,000,000	8,000,000
3	Biaya Sampling (Engineer) / day	4	3,500,000	14,000,000
4	Biaya Transportasi, akomodasi, konsumsi / day	4	3,000,000	12,000,000
5	SUB TOTAL			204,000,000
6	PPN 10%			20,400,000
7	TOTAL			224,400,000

Ket:

1. Waktu analisa sepuluh hari kerja
2. Sampel dikirim ke PT. Envilab Indonesia
3. Penawaran harga ini berlaku untuk 60 hari kalender

Hormat Kami

Andik
082141129787

Lampiran 6 Penawaran PT. Intertek Utama Services PO TJB-PC 17944 R00 - Halaman 1
(Sumber : PT. PLN Tanjung Jati B)

Intertek

PT. Intertek Utama Services
Jl Raya Bogor km. 26
Jakarta Timur 13710
Indonesia
Telp: +62 21 29384454
Fax: +62 21 29384465
Email: indo.office@intertek.com
Website: www.intertek.com

QUOTATION NO. PENAWARAN NO.	: 4674.r3/IUS-EV/1/2017		
COMPANY PERUSAHAAN	: TJB Power Services : Tanjung Jati B Coal Fired Power Plant		
DATE TANGGAL	: 17-Feb-17	PHONE NO. NOMOR TELPON	: 0291 771566
ATTENTION PERHATIAN	: Ms. Tiara Farina Hilda	FAX NO. NOMOR FAX	: -
SUBJECT	: Stationary Stack Air Emissions & Coal (Solid) Monitoring	MOBILE HANDPHONE	: -
PERIHAL	: Pemantauan Emisi Udara Sumber Tidak Bergerak & Batubara (Padatan)	EMAIL	: tiara.farina@tjbservices.com
FROM DARI	: Dhimas Purwito	NO. OF PAGES JUMLAH HALAMAN	: 5 (including cover) (termasuk cover)

RE : ENVIRONMENTAL TESTING SERVICES

Dear Ms. Tiara Farina Hilda

Thank you for giving Intertek the opportunity to provide a quotation to you.
Terima kasih telah memberikan kesempatan bagi Intertek untuk memberikan penawaran harga untuk Anda.

We are pleased to offer the following proposal for :

Stationary Stack Air Emissions & Coal (Solid) Monitoring

Kami dengan senang hati menawarkan proposal berikut untuk :

Pemantauan Emisi Udara Sumber Tidak Bergerak & Batubara (Padatan)

The price list is attached. Please read all sections within the quotation to ensure we have scoped your request correctly and are providing the particular analyses you require.

Daftar harga adalah sebagaimana terlampir. Silahkan dibaca semua bagian dalam penawaran harga ini untuk memastikan penawaran kami telah mencakup seluruh permintaan Anda dengan benar dan menyediakan analisis tertentu yang Anda butuhkan.

For further information, please do not hesitate to contact the undersigned on (62) (21) 2938 4454 or anjar.siswandari@intertek.com or dyah.pawestri@intertek.com or reg.dewit@intertek.com
Untuk informasi lebih lanjut, jangan ragu untuk menghubungi kami di (62) (21) 2938 4454 atau anjar.siswandari@intertek.com atau dyah.pawestri@intertek.com atau reg.dewit@intertek.com

All work is performed in accordance with the Intertek Standard Terms and Conditions of Services (Global) - <http://www.intertek.com/terms/> (as attached into this quotation).

Seluruh pekerjaan dilaksanakan berdasarkan Intertek Standard Terms and Conditions of Services (Global) - <http://www.intertek.com/terms/> (sebagaimana terlampir dalam quotation ini).

Yours sincerely,

Dhimas Purwito
Marketing Officer - Environmental

Attachment(s)

[Handwritten Signature]

PT. Intertek Utama Services

4674.r3 - TJB Power Services - DP



Lampiran 7 Penawaran PT. Intertek Utama Services PO TJB-PC 17944 R00 - Halaman 2
(Sumber : PT. PLN Tanjung Jati B)

Intertek

STATIONARY SOURCE AIR EMISSIONS ANALYSIS (ISOKINETIC)

Parameter	Unit	Method	Technique	Price (IDR)
Laboratory Analysis				
Total Particulates (Isokinetic)	mg/Nm ³	SNI 7117.17:2009	Gravimetric	Rp 2,119,500.00
Metals Preparation (Isokinetic)		USEPA Method 29	Acid Digestion	
Mercury, Hg	mg/Nm ³	USEPA Method 29	CVAAS	
Direct Reading				
Nitrogen Dioxides, NO ₂	mg/Nm ³	USEPA Method 7E	Electrochemical	Rp 405,000.00
Sulfur Dioxides, SO ₂	mg/Nm ³	USEPA Method 6C	Electrochemical	
Opacity	%	SNI 19-7117.11-2005	Smoke Scale	

SOLID ANALYSIS

Parameter	Unit	Method	Technique	Price (IDR)
Total Metals				
Mercury, Hg	mg/dryKg	USEPA 245.6	CVAAS	Rp 297,000.00

FIELD SAMPLING FEES

Description	Unit Price	Quantity	Price (IDR)
Technician Fees			
Regular Field Technician Fees	Rp 2,025,000.00	3 person(s)	Rp 6,075,000.00
Equipment Fees			
Isokinetic Sampling Train	Rp 1,687,500.00	1 unit(s)	Rp 1,687,500.00
Gas Analyser	Rp 1,215,000.00	1 unit(s)	Rp 1,215,000.00
Ringelmann	Rp 135,000.00	1 unit(s)	Rp 135,000.00
Mob - Demob Fees			
Airplane Ticket Jakarta - Semarang - Jakarta	Rp 2,300,000.00	3 person(s)	Rp 6,900,000.00
Meals, Land Transportation & Accommodation Fees during Sampling	Rp 950,000.00	3 person(s)	Rp 2,850,000.00
Shipping & Handling Equipment Jakarta - Semarang - Jakarta	Rp 8,250,000.00	1 roundtrip(s)	Rp 8,250,000.00

NOTE :

1. PT Intertek Utama Services has a minimum invoicing policy for projects which make use of our field sampling staff. In such cases our policy is to invoice a minimum of IDR Rp 5.197.500,- per field sampler per day.

PT Intertek Utama Services memiliki kebijakan tagihan minimum untuk proyek-proyek yang menggunakan staf sampling lapangan kami. Dalam kasus tersebut, kami memiliki kebijakan untuk menagihkan minimal Rp 5.197.500,- per staf sampling lapangan per hari.

2. Technician and equipment costs are on a per day basis calculated from date of departure from Jakarta to date of return to Jakarta.

Biaya teknis dan peralatan adalah untuk perhitungan per hari, dihitung dari tanggal keberangkatan dari Jakarta sampai dengan tanggal kembali ke Jakarta.

3. In the event of delays caused by weather conditions or technical problems (caused not by Intertek) and resulted in the addition of the number of days for sampling, then the technician & equipment fees will be calculated based on the actual number of days in the field.

Dalam hal penundaan yang disebabkan oleh kondisi cuaca atau masalah teknis (bukan disebabkan oleh Intertek) dan mengakibatkan penambahan jumlah hari untuk pengambilan sampel, maka biaya teknis & peralatan akan dihitung berdasarkan jumlah hari sebenarnya di lapangan.

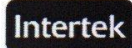
PT. Intertek Utama Services

4674.r3 - TJB Power Services - DP

2



Lampiran 8 Penawaran PT. Intertek Utama Services PO TJB-PC 17944 R00 - Halaman 3
(Sumber : PT. PLN Tanjung Jati B)



SUMMARY

Description	Unit Price	Special Rate	Quantity	Price (IDR)
STATIONARY SOURCE AIR EMISSIONS ANALYSIS (ISOKINETIC)				
Laboratory Analysis	Rp 2,119,500.00	Rp 1,695,600.00	2 sample(s)	Rp 3,391,200.00 ✓
Direct Reading	Rp 405,000.00	Rp 324,000.00	2 sample(s)	Rp 648,000.00 ✓
SOLID ANALYSIS				
Total Metals	Rp 297,000.00	Rp 237,600.00	2 sample(s)	Rp 475,200.00 ✓
FIELD SAMPLING FEES				
Technician Fees	Rp 6,075,000.00	Rp 4,860,000.00	3 day(s)	Rp 14,580,000.00 ✓
Equipment Fees	Rp 3,037,500.00	Rp 2,430,000.00	3 day(s)	Rp 7,290,000.00 ✓
Mob - Demob Fees				
Airplane Ticket Jakarta - Semarang - Jakarta	Rp 6,900,000.00	Rp 6,900,000.00	1 roundtrip(s)	Rp 6,900,000.00 ✓
Meals, Land Transportation & Accommodation	Rp 2,850,000.00	Rp 2,850,000.00	3 day(s)	Rp 8,550,000.00 ✓
Fees during Sampling				
Shipping & Handling Equipment Jakarta - Semarang - Jakarta	Rp 8,250,000.00	Rp 8,250,000.00	1 roundtrip(s)	Rp 8,250,000.00 ✓
GRAND TOTAL BUDGET				Rp 50,084,400.00

PT. Intertek Utama Services

4674.r3 - TJB Power Services - DP

3



Lampiran 9 Penawaran PT. Intertek Utama Services PO TJB-PC 17944 R00 - Halaman 4
(Sumber : PT. PLN Tanjung Jati B)



PT. Intertek Utama Services
Jl. Raya Bogor km. 20
Jakarta Timur 13710
Indonesia
Telp : +62 71 75764454
Fax : +62 21 23244855
Email : info.intertek@intertek.com
Website : www.intertek.com

TERMS AND CONDITIONS
SYARAT DAN KETENTUAN

Services
Layanan

1. PT. Intertek Utama Services is responsible for providing cool boxes, sample containers, labels and preservatives free of charge. The client is responsible for the cost of transporting cool boxes Jakarta-Site-Jakarta.
PT. Intertek Utama Services bertanggung jawab untuk menyediakan cool box, wadah sampel, label dan pengawet secara gratis. Klien bertanggung jawab untuk biaya pengangkutan cool box dari Jakarta-Situs-Jakarta.
2. Travel Blanks can be placed into coolers by Intertek upon request by the client. However if client wishes these QC samples to be analyzed this must be indicated on the Chain of Custody (COC) form and client must also indicate which tests are needed. Please note these will be treated as regular samples and invoiced accordingly.
Travel Blank dapat dimasukkan ke dalam pendingin oleh Intertek atas permintaan klien. Namun jika klien ingin QC sampel ini untuk dianalisis, maka harus ditunjukkan pada form Lantai Balok (Chain Of Custody) klien juga harus menunjukkan tes yang diperlukan. Harap dicatat ini akan diperlakukan sebagai sampel reguler dan akan ditagihkan sebagaimana mestinya.
3. Samples (Water, Solids, Tissues and Absorbent) will be stored for 3 months and then discarded unless notified otherwise.
Sampel (Air, Padat, Jaringan dan Absorben) akan disimpan selama 3 bulan dan kemudian akan dibuang kecuali diberitahu sebaliknya.
4. Re-analysis of samples at the client's request will be charge to the client, except when the repeat measurement differs significantly from the original. In the latter case there is no charge.
Biaya analisis ulang sampel atas permintaan klien akan dibebankan kepada Klien, kecuali bila hasil pengukuran ulang tersebut berbeda secara signifikan dari aslinya. Dalam kasus terakhir tidak ada biaya yang akan dibebankan kepada Klien.
5. Rush services are available upon request but additional surcharges may be applied.
Layanan Kilat tersedia atas permintaan, dengan biaya tambahan yang berlaku.
6. We strive to issue a chemical analysis report within 10 working days from receipt of samples. However delays may occur if certain tests must be subcontracted (overseas for example).
Kami berusaha untuk mengeluarkan laporan hasil analisis kimia dalam waktu 10 hari kerja sejak diterimanya sampel. Namun penundaan dapat terjadi jika tes tertentu harus disubkontraskan ke pihak lain (misal: ke luar negeri).
7. The report will be sent either by email or fax (as per client request) and the original hard copy will be sent together with invoices by courier.
Laporan hasil analisa akan dikirim melalui email atau fax (sesuai permintaan klien) dan hard copy asli akan dikirim bersama dengan invoice akan dikirimkan oleh kurir.
8. All reports relate specifically to the samples tested in so far as that the samples are truly representative of the sample sources as received.
Semua laporan secara khusus terkait kepada sampel yang diuji, dimana sampel tersebut benar-benar mewakili sumber sampel yang diterima.
9. Final data reports are prepared solely for the use of the clients named in the reports. PT Intertek Utama Services accepts no responsibility for any loss, damage or liability suffered by any third party as a result of any reliance upon or use of its reports.
Laporan akhir disusun semata-mata untuk dipergunakan oleh klien yang disebutkan dalam Laporan tersebut. PT Intertek Utama Services tidak bertanggung jawab atas kerugian, kerusakan atau kewajiban lainnya yang diderita oleh pihak ketiga sebagai akibat dari ketergantungan pada atau atas penggunaan laporannya.
10. The total liability of Intertek for any loss or damage claimed, either directly or indirectly, in contract, tort, or otherwise, including, but not limited to, breach of contract, breach of warranty, negligence, gross negligence, strict liability, negligent and intentional misrepresentation, arising out of or in connection with the provision of the Services shall be the amount of Fees or Charges due by Client to Intertek under this agreement or quotation.
Total kewajiban Intertek untuk setiap kerugian atau kerusakan yang diklaim, baik secara langsung maupun tidak langsung, dalam kontrak, kesalahan, atau sebaliknya, termasuk, namun tidak terbatas pada, pelanggaran kontrak, pelanggaran jaminan, kelalaian, kelalaian, strict liability, lalai dan kekeliruan yang disengaja, yang timbul dari atau sehubungan dengan penyediaan Layanan adalah sejumlah Biaya atau Tagihan yang harus dibayarkan oleh Klien kepada Intertek berdasarkan perjanjian ini atau berdasarkan Penawaran Harga.
11. All work is performed in accordance with the Intertek Standard Terms and Conditions of Services (Global) <http://www.intertek.com/terms/> (as attached into this quotation).
Seluruh pekerjaan dilakukan sesuai dengan Syarat dan Ketentuan Umum Layanan Intertek (Global) <http://www.intertek.com/terms/> (sebagaimana terlampir dalam Penawaran Harga ini).
12. This quotation is valid for 90 days
Penawaran Harga ini berlaku untuk 90 hari.
13. This quotation shall be considered as a binding agreement upon signing by client
Penawaran ini akan dianggap sebagai perjanjian yang mengikat setelah ditandatangani oleh klien

PT. Intertek Utama Services

4674/3 - TJB Power Services - DP

4



Lampiran 10 Penawaran PT. Intertek Utama Services PO TJB-PC 17944 R00 - Halaman 5
(Sumber : PT. PLN Tanjung Jati B)



PT. Intertek Utama Services
J. Raya Puger Km. 20
Jember Timur 19713
Indonesia
Telp. +62 31 7634454
Fax +62 31 2978480
Email: info@intertek.com
Website: www.intertek.com

**Pricing
Harga**

1. The above mentioned prices are based on the number of samples indicated and may change subject to the actual number of samples submitted.
Harga yang disebutkan di atas didasarkan pada jumlah sampel yang disebutkan diatas dan dapat berubah tergantung jumlah sampel yang diserahkan.
2. Field sampling technician and equipment costs are on a per day basis calculated from date of departure from Jakarta to date of return to Jakarta.
Biaya teknisi sampling lapangan dan peralatannya dihitung per hari sejak tanggal keberangkatan dari Jakarta sampai tanggal kembali ke Jakarta
3. The minimum order is IDR Rp 1.687.500,- / batch received. Analysis requests less than this amount will be invoiced at IDR Rp 1.687.500,-.
Minimum order adalah Rp Rp 1.687.500,- / batch yang diterima. Permintaan analisis yang kurang dari jumlah ini akan ditagih sebesar Rp Rp 1.687.500,-
4. PT Intertek Utama Services has a minimum invoicing policy for projects which make use of our field sampling staff. In such cases our policy is to invoice a minimum of IDR Rp 5.000.000,- per field sampler per day.
PT Intertek Utama Services memiliki kebijakan tagihan minimum untuk proyek-proyek yang menggunakan staf sampling lapangan kami. Dalam kasus tersebut, kami memiliki kebijakan untuk menagihkan minimal Rp Rp 5.000.000,- per staf sampling lapangan per hari.
5. The above prices *do not* include the 10% VAT and are valid for this project.
Harga di atas tidak termasuk PPN 10% dan berlaku untuk pekerjaan ini.
6. Maximum term of payment is 30 (thirty) days after invoice received.
Jangka waktu maksimum pembayaran adalah 30 (tiga puluh) hari setelah Invoice diterima. Dokumen tambahan (formulir aplikasi kredit) dapat diberlakukan untuk itu.

Accepted by :

Client Representative

PT. Intertek Utama Services

4674/3 - TJB Power Services - DP

5



Lampiran 11 Penawaran PT. ALS Indonesia PO TJB-PC 17944 R00 - Halaman 1 (Sumber : PT. PLN Tanjung Jati B)



QUOTATION: IQT2245-2 Isokinetic Emission Sampling and Analysis (Please quote this number with all relevant sample submissions and create a quotation valid by date)			
COMPANY:	PT TJB Power Services PLTU Tanjung Jati B Unit 1&2 Jepara 59453		
ATTENTION:	Ms. Tiara Farina Hilda	DATE:	March 03, 2017
EMAIL:	tiara.farina@tjbservices.com	PHONE NO:	021 - 88369999 081932576672
FROM:	Tamara Dayu O.	FAX:	021 - 88331234
VALID UNTIL:	03 TH JUNE 2017	NO. OF PAGES:	7 (include cover)

Dear Ms. Tiara

Thank you for providing ALS the opportunity to submit this quotation covering your analytical testing requirements. ALS is very keen to work with you on this important project, delivering high quality data, good communication and timely and reliable service.

This quotation has been developed based on information provided. Please refer to all sections within this quotation to ensure that we have scoped your project correctly. Please do not hesitate to contact ALS for updating or reissuing, should this be required.

Acceptance of this quotation is valid till 01st of June 2017. Please advise ALS (via email) upon acceptance, to allow sufficient time for preparation of the required sample containers.

Yours Sincerely,

Tamara Dayu O.
 Customer Service Officer
 Email: Tamara.Dayu@ALSGlobal.com
 PT. ALS Indonesia
 Environmental Division

Reviewed and Approved by,

Suzanna O.R. Lumme
 Business Manager
 Email: Suzanna.Lumme@ALSGlobal.com
 PT. ALS Indonesia
 Environmental Division

ADDRESS Kawasan Industri Sentul Jl. Cahaya Raya Blok K, Bogor 16810 Indonesia | PHONE +62 21 2941 5151 | FAX +62 21 2941 5152
 ALS INDONESIA Part of the ALS Group A Campbell Brothers Limited Company

Environmental **www.alsglobal.com**

By Tamara

RIGHT SOLUTIONS RIGHT PARTNER

Lampiran 12 Penawaran PT. ALS Indonesia PO TJB-PC 17944 R00 - Halaman 2 (Sumber : PT. PLN Tanjung Jati B)



PROPOSAL FOR ISOKINETIC EMISSION SAMPLING & ANALYSIS

1. SCOPE OF WORK

To provide laboratory facilities and field sampling personnel to conduct stack emission monitoring at the company's plant.

1.1. Stack Emission Monitoring Program

Stack emission monitoring will be conducted at Client's Stack. The list of tests and quantity for stack is described as follows:

Table 1 Stack Emission Monitoring Program

No.	Description	Quantity	Parameter
1.	Incinerator Stack	2 stack @ 2 run	SO ₂ , NO ₂ , TSP, Hg, Opacity

2. METHODOLOGY

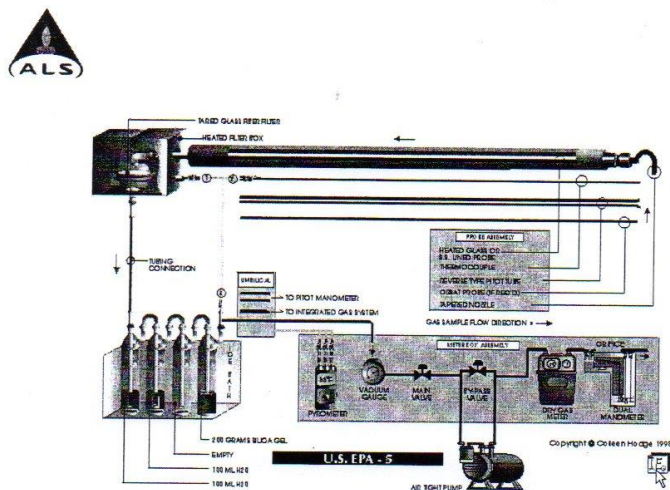
2.1. Total Particulates – U.S. EPA Method 1-5

A heated filter assembly was placed ahead of the condenser section where the moisture collection takes place. The filter was made from a heat treated glass fiber media and is capable of removing 99.9% of 0.3 micron diameter particulate from the sample gas.

The filter was maintained at 120 oC +/- 15 oC to allow moisture to pass through the filter as a gaseous state. A specially selected nozzle was operated near the velocity of the stack gas (i.e., 100% +/- 10 % of stack velocity or the isokinetic velocity). The isokinetic sampling rates of the emission tests performed on this emission testing performed were maintained within 10 % (i.e., 90% to 110%).

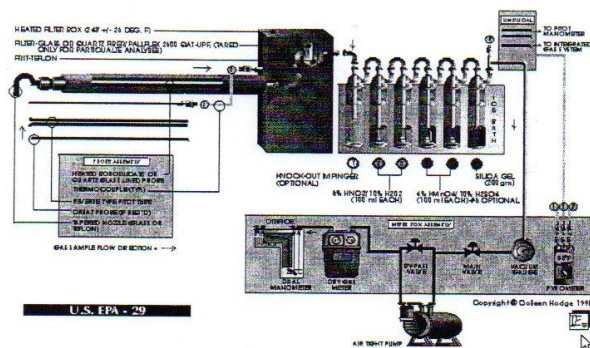
Once the samples were collected at the source testing site, the filter assembly, probe and condenser section were removed to a clean dust free environment where the recovery of the samples was performed. The filter was removed from the filter assembly with tweezers. Special care was taken to make certain that all of the particulate and any filter remnants were recovered to the centre of the filter. Any loose particulate in the front filter assembly was brushed onto the centre of the filter. Once preliminary weight was obtained, the filters were transferred to a Pyrex petri dish and placed in the oven for approximately 1 hour. The procedure for filter analysis was identical to the weighing procedure for the beakers. After cooling in the desiccator, the filters were weighed until they reached a stable weight reading within 0.5 milligrams.

Lampiran 13 Penawaran PT. ALS Indonesia PO TJB-PC 17944 R00 - Halaman 3 (Sumber : PT. PLN Tanjung Jati B)



2.2. Metals – U.S. EPA Method 29

A gas sample is extracted isokinetically from the stack using USEPA Method 29 sampling train was withdrawn through a series of two impingers containing hydrogen peroxide and potassium permanganate respectively. The solutions were analyzed for metals using ICP-OES.



2.3. Gases (O₂, CO, CO₂, SO₂, NO_x) – Non-isokinetic method

The concentration of gas of the stack gas was measured by using a portable gas analyzer. The equipment operates by drawing in a small sample of stack gas to be detected by a gas sensor. The analysis of the gas was based on electrochemical cells equipped with a selective diffusion membrane.

Lampiran 14 Penawaran PT. ALS Indonesia PO TJB-PC 17944 R00 - Halaman 4 (Sumber : PT. PLN Tanjung Jati B)



2.4. Nitrogen Oxides (NOx) – Non-isokinetic method

The concentration of gas of the stack gas was measured by using a portable gas analyzer. The equipment operates by drawing in a small sample of stack gas to be detected by a gas sensor. The analysis of the gas was based on electrochemical cells equipped with a selective diffusion membrane

3. QUALITY ASSURANCE AND QUALITY CONTROL

The ALS is staffed with qualified chemists who conduct analytical testing using well document procedures based on the universally recognized methodologies of APHA, EPA and ASTM.

All laboratory procedures are regulated by comprehensive QA/QC programs establish to monitor and control every aspect of the operation. Our QA/QC procedures are designed to provide reliable analytical results to our clients.

4. COMMERCIAL PROPOSAL

Compensation Table

Compensation Table					
No	Description	Remarks	Qty	Unit Price (Rp)	Total Price (Rp)
A	Analysis				
		ISOKINETIC TESTING			
1	Stack Emission	2 stack @ 2 run	1 package	10,800,000 /package	10,800,000
		SOLID TESTING			
2	Solid - Mercury Analysis		2 samples	360,000 /sample	720,000
B Sampling Cost					
Equipment Fee					
1	Isokinetics Sampler	Particulate	2 days	2,500,000 / day	5,000,000
2	Gas Analyzer	Gases Composition	2 days	750,000 / day	1,500,000
3	Consumables	Filter, absorber	1 lump sum	750,000 / lump sum	750,000
Sampling Technician					
3	Sampling Leader	1 person	2 days	3,000,000 / day	6,000,000
4	Sampling Technician	2 persons	2 days	1,500,000 / day	6,000,000
5	Local Labour	2 persons	Provided by Client		
Transportation & Accommodation					
6	Local Transportation	ALS - Jakarta Airport v.v	1 trip	600,000 / trip	600,000
7	Air Tickets	Jakarta - Semarang v.v.	3 persons	1,500,000 / person	4,500,000
8	Transportation	Semarang Airport - Site v.v	2 days	1,250,000 / day	2,500,000
9	Accommodation & Meals	for 3 persons	2 days	1,500,000 / day	3,000,000
Report					
10	Report		1 lump sum	1,000,000 / lump sum	1,000,000

Quote: IQT2245-2 Date: March 03, 2017
Client Ref: Isokinetic Emission Sampling and Analysis

4 of 7
ALS -Environmental Division

Lampiran 15 Penawaran PT. ALS Indonesia PO TJB-PC 17944 R00 - Halaman 5 (Sumber : PT. PLN Tanjung Jati B)



Subtotal before Tax	42,370,000
VAT 10%	4,237,000
TOTAL PRICE (RP)	46,607,000

4.1. Remarks:

1. The abovementioned prices are based on above number sample and may change depend on the number of actual sample submitted. Also based on above proposed attached, any other method and/or detection limit requested may effect to price alteration.
2. The above prices are valid for 1 (one) month only.
3. Project can be started at least 2 (two) weeks after purchase order received.
4. PT. ALS Indonesia is responsible for:
 - a. 1 (one) sampling leader.
 - b. 2 (two) sampling technician
 - c. Providing local transportation ALS – Jakarta Airport v.v
 - d. Air Ticket from Jakarta – Semarang v.v
 - e. Providing transportation Semarang – Site v.v
 - f. Providing accommodation and Meals for ALS Indonesia personnel.
 - g. Providing sampling equipments and consumables for all the samples will be analyzed in PT. ALS Indonesia Laboratory. *Additional containers for Client's external use will be charge to Client.*
 - h. Providing Extensive Laboratory Quality Assurance and Quality samples analysis.
5. Client is responsible for :
 - a. EXTRA COSTS SHOULD THERE BE DELAYS OCCUR DURING SAMPLING DUE TO PROCESS PLANT PROBLEMS.
6. ALS Indonesia sample receiving time is 24 hours, 7 days a week; however, sample registration will be done within office hours only, which is Monday through Friday, from 08.00 – 17.00 WIB. Any sample receive outside office hour will be registered in the following office hours.
7. Routine Analysis Turnaround Time (TAT) is 1 (one) month working days after the samples are registered in PT. ALS Indonesia laboratory.
8. In event that Client request for Rush Service, thus such service shall be done under following conditions:
 - a. Request for Rush Service is received in written prior sample receiving in PT. ALS Indonesia laboratory with the agreed Duration of Rush Service by both parties.
 - b. Surcharge of 100% will be applied for 2 (two) working days Rush Services
 - c. Surcharge of 75% will be applied for 3-4 (three to four) working days Rush Services
 - d. Surcharge of 50% will be applied for 5-7 (five to seven) working days Rush Services
 - e. Surcharge of 25% will be applied for 8-10 (eight to ten) working days Rush Services
9. Retaining sample shall be stored for maximum 1 (one) month after date of final report, if available.
10. In event that Client request for Re-Analysis, thus such service shall be done under following condition:
 - a. Request for Re-Analysis is received in written within 1 (one) month after date of final report.
 - b. Volume of sample is sufficient to conduct Re-Analysis.
 - c. Sample is still within its appropriate holding time.
 - d. The cost of Re-Analysis will be responsible by Client.
11. Report will be sent either by email or fax and the original hard copy will be sent along with invoices by courier.
12. Terms of payment is maximum 30 (Thirty) days after invoice received.

Lampiran 16 Penawaran PT. ALS Indonesia PO TJB-PC 17944 R00 - Halaman 6 (Sumber : PT. PLN Tanjung Jati B)



4.2. Terms and Conditions :

1. ALS will provide the services described in the accompanying tender / quotation, (hereafter called "the commission") to the customer
2. ALS will provide the services by exercising the same degree of skill, care and diligence that would be exercised by professional service providers in similar circumstances.
3. The lodgement of an order or receipt of samples for analysis based on this commission will constitute acceptance of these Terms & Conditions by the customer.
4. This commission is valid for 90 days from the issue date unless specified otherwise.
5. ALS reserves the right to review prices at any time if significant changes to our costs are incurred that are beyond our control eg changes in legislative requirements; currency exchange rate or Customer variations to sample numbers, analytes requested, turnaround required, reporting requirements and such.
6. Payment terms are 30 days from the date of invoice, unless negotiated otherwise at the time of the commission. Any such variance from the standard payment terms must be stipulated separately in writing in the commission.
7. To the full extent permitted by law ALS excludes all warranties, terms, conditions or undertakings, ('terms') whether express or implied, in relation to the services, the report, or its contents Where any legislation implies any terms in this commission that cannot be modified or excluded then such terms shall deem to be included. However, to the full extent permitted by law, ALS liability to the Customer is limited at ALS's option to the re-performance of the service or the refund of the service fee. ALS is authorized to select and engage carriers, agents, and others, as required, to transport and deliver the goods, all of whom shall be considered as the agents of the Customer, and the goods may be entrusted to such agencies subject to all conditions as to limitation of liability of loss, damage, expense, or delay and to all rules, regulations, requirements and conditions whether printed, written, or stamped, appearing in bills of lading, receipts or tariffs issued by such carriers, and others. ALS shall under no circumstances be liable for any loss, damage, expense, or delay to the goods for any reason whatsoever when said goods are in Custody, possession or control of third parties selected by the Company to forward, enter and clear, transport or render other services with respect to such goods.
8. Without limiting the generality of clause 7, it is agreed that, to the full extent permitted by any applicable laws having jurisdiction, ALS will not be liable to the Customer or any other person for any special, indirect or consequential damages arising from the Customer's use of ALS's services or reports.
9. The Customer hereby releases and indemnifies and shall continue to release and indemnify ALS, its officers, employees and agents from and against all actions, claims, proceedings or demands (including any costs and expenses in defending or servicing same) which may be brought against it or them, in respect of any loss, death, injury, illness or damage to persons or property, and whether direct or indirect and in respect of any breach of any industrial or intellectual property rights, howsoever arising out of the use of the services or report of ALS.
10. The Customer acknowledges that it is the customer's sole responsibility to make its own assessment of the suitability for any purpose of the service, report and its contents.
11. The service provided is subject to detection limits and confidence intervals inherent in our current methodology. Because each customer is reliant upon assay results for a particular purpose and often in a unique environmental/legislative context, it is the customer's responsibility to inform him or herself fully as to ALS's detection limits and confidence intervals relevant to that particular set of assay results.
12. The Customer will give written notice of all known safety or health hazards and special procedures applicable to the safe handling, testing, storage, transport and disposal of samples

Lampiran 17 Penawaran PT. ALS Indonesia PO TJB-PC 17944 R00 - Halaman 7 (Sumber : PT. PLN Tanjung Jati B)



- submitted. ALS may in its absolute discretion, refuse to provide services where it determines the provision of such services may pose a health or safety peril.
13. The Customer acknowledges that during the performance of the services the samples or parts thereof may be altered, lost, damaged or destroyed. ALS shall not be liable to the Customer or any third party for any samples so altered, lost, damaged or destroyed.
 14. Subject to the Customers approval, and if ALS considers it appropriate, then ALS may engage a third party service provider. The Customer shall not unreasonably withhold such approval.
 15. ALS may suspend or terminate its obligations under this commission if:
 - a. monies payable to ALS by the customer are outstanding 60 days or more (unless otherwise agreed)
 - b. other substantial breach by the customer of their obligations hereunder, which breach is not remedied within 30 days of written notice from ALS requiring the breach to be remedied
 - c. by giving the Customer 60 days written notice of their intention to do so.
 16. The Customer may terminate its obligations under this commission in the event of a substantial breach by ALS in its obligations hereunder, which breach has not been remedied within 30 days of written notice from the customer requiring the breach to be remedied.
 17. ALS will retain customer data for 3 years only from date of final report.

Accepted by:

(.....)
Client Representative

Note: this quotation is computer generated. No signature is required. Should you agree to the abovementioned Price and its Terms & Conditions, please sign this quotation on your company stamp and send back to us by fax 0251-8253814 or email at sales@alsglobal.co.id immediately.

--- End of Proposal ---

Lampiran 18 Form Persetujuan PLN PO TJB-PC 17944 R00 (Sumber : PT. PLN Tanjung Jati B)


PT PLN (Persero) Pembangkitan Tanjung Jati B

Desa Tubanan, Kecamatan Kembang, Kabupaten Jepara, Jawa Tengah 59453
T (0291) 772121, 772132, 772124 **F** (0291) 772125

W www.pln.co.id

APPROVAL PURCHASE ORDER (PO) FOR REIMBURSE	
Nomor : <u>282</u> /DAN.02.01/PRPO-EPK3L/2017	
1. Unit	: Unit 1-2
2. Title	: Emission Sampling For Hg Parameter
3. PR Number	: TJBPC 17944
4. PR Amount (Inc. VAT)	: IDR 108,699,946.68
5. PR Issuing Date	: 20 February 2017
6. PR Approved Date	: 24 March 2017
7. Owner Estimate (Inc. VAT)	: IDR 108,699,946.68
8. Bidding Proses	
a. Bidding Method	: Selected Tender
b. RFQ period	: 05 April 2017
c. Open date bid. Doc	:
d. Bidding Participant	: 3 Vendor
e. Lowest Price (exc. VAT)	: IDR 42,370,000.00
f. Negotiation Price (exc. VAT)	: -
9. PO Issuing Date	: 5 April 2017 ✓
10. Appointed Vendor	
a. Company Name	: ALS Indonesia ✓
b. Director	: Saqina ✓
c. Address	: Jl. Raya Puncak Km. 72.6 Cibogo Bogor West Java 16001 ✓
d. NPWP	:
e. SAP Number	:
11. PO Total Amount	: IDR 46,607,000.00 ✓ ☒ ≤ 500 jt
12. Delivery Time /Completion work	: 2 (two) Months After receipt order ✓
13. Warranty period	: -
14. Certificate Required*	:
☒ Approved ☐ Not Approved	
Noted : _____	
 PRIMARY ENERGY & HSSE MANAGER WINARNO RECEIVED 27 OCT 2017	

* Choose of Reference COO / Surat Asal usul, COM, Test Report, Mill Certificate
 MODEL 1001

Approved by	
CEO	
110	13 APR 2017

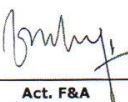
Lampiran 20 PO TJB-PC 17944 R00Emission Sampling for Hg Parameter - Halaman 1 (Sumber : PT. PLN Tanjung Jati B)

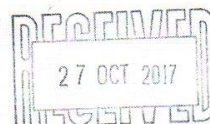
WHITE sheet for VENDOR
YELLOW sheet for KEU - PLN

		PURCHASE ORDER		 PT PLN (Persero)		
Number / Nomor : TJB PC 17944 Date / Tanggal : 05 April 2017 PO Number must appear on all invoices, correspondences, and delivery Notes. Nomor PO harus dicantumkan dalam semua faktur dan korespondensi.						
To : ALS INDONESIA Kepada : Jl. Raya Puncak Km. 72.6 Cibogo Bogor West Java 16001 Email : sales@alsindonesia.com Fax : 0251 8253814 Phone : 0251 8253813 Attention : Saqina		Quotation Ref. No : IQT2245-2 Date/Tanggal : 03 March 2017				
Emission Sampling for Hg Parameter						
Remark/Special Instruction : Refer to PLN letter No. TJB-CP-17335						
Invoicing Address/Alamat Tagihan PT. PLN(Persero) Pembangkitan Tanjung Jati B Ds. Tubanan, Kec Kembang, Jepara 59453, Jawa Tengah. Submit to/Penyerahan tagihan ke: PT. TJB Power Services Ds. Tubanan, Tubanan, Kembang, Jepara -59453 Accounting & Financial Department		Delivery Address/Alamat Penyerahan PT. PLN(Persero) Pembangkitan Tanjung Jati B Tanjung Jati B Power Plant Desa Tubanan, Kecamatan Kembang Kabupaten Jepara, Jawa Tengah 59453 The attach General Terms and Condition is part of this Purchase Order		Terms of Payment/Syarat Pembayaran TT 30 DAYS AFTER COMPLETION WORK & INVOICE PPH 22 Tax will be deducted from Total Material Price if any. PPH 23 Tax will be deducted from Total Services Price if any Term of Delivery/Syarat Pengiriman DDP TJB Power Services Delivery Time/Waktu Penyerahan 2 (two) Months After receipt order		
TAX Number/Nomor Pokok Wajib Pajak(NPWP) 01.001.629.3-051.000		Tax Address/Alamat NPWP: PT. PLN(Persero) Kantor Pusat Jl. Trunojoyo Blok M 1/135 Melawai, Kebayoran Baru, Jakarta Selatan		Cost Center Account A802C40503-6000205007		
No.	Item Code	Description	Order Qty	Order Unit	Unit Price IDR	Total IDR
1		Emission sampling and analysis	1.00	PACK	11,520,000.00	11,520,000.00
2		Coal Analysis for Hg Parameter	1.00	PACK	19,250,000.00	19,250,000.00
3		Sampling Cost: Technician, Equipment, Transportation, Accommodation, Shipping & Packaging, Reporting	1.00	PACK	11,600,000.00	11,600,000.00
Total value (VAT 10% excluded) IDR :						42,370,000.00
VAT 10% IDR :						4,237,000.00
Total Value (VAT 10% included) IDR :						46,607,000.00
Other requirement should be followed by Vendor:						
Term ID	Description					
1	Detail calculations per quotation IQT2245-2, date 3 March 2017					
2	JSA (Job Safety analysis) or Safety Procedure					
3	Provide a Report after completed of Work					

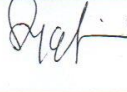
Lampiran 21 PO TJB-PC 17944 R00 Emission Sampling for Hg Parameter (Sumber : PT. PLN
Tanjung Jati B)

WHITE sheet for VENDOR
YELLOW sheet for KEU - PLN

		PURCHASE ORDER		 PT PLN (Persero)	
Number / Nomor : TJB PC 17944 Date / Tanggal : 05 April 2017 PO Number must appear on all invoices, correspondences, and delivery Notes. Nomor PO harus dicantumkan dalam semua faktur dan korespondensi.					
This PO is issued by PT. TJB Power Services on behalf of PT. PLN(PERSERO) Pembangkitan Tanjung Jati B Unit 1-2					
Prepared By		Reviewed By		Approved By PT. TJB Power Services	
					
Procurement Leader - Meidiana Indriati		Act. F&A Manager - Bambang Suryono		Station Manager - Esko Jaalinoja	
				27 OCT 2017	
Supply shall be subject to the terms and conditions set forth on this general terms and conditions of purchase and additional terms and conditions if any. Pembelian terikat dengan syarat syarat umum Surat Pesanan pada lembar belakang dari Surat serta persyaratan tambahan jika ada.				Vendor Signature Director	
Date : _____					
Additional Information					
Item Classification: YR1 Priority : 1 Urgent (< 1 month lead time). Budget Categories : WASTE HANDLING Budget ID=3.2 Old Budget Categories : null For further information please contact Endhy Suparman					


 27 OCT 2017

Lampiran 22Purchase Request TJB-PC 15619 R00 Stopwatch for Water Laboratory (Sumber : PT. TJB Power Services)

		PURCHASE REQUEST		Number / Nomor : TJB-PC 15619 Date / Tanggal : Apr 29, 2015 2:25 PM		
STOPWATCH FOR WATER LABORATORY Department : OPERATION Section : CHEMIST Cost Centre - Account Code : A802C40204-6010100039 Remarks/Special Instruction : Need to provide Stopwatch to support water laboratory analysis.						
Item No.	Item Code	Description	Quantity		Estimated Price	
			Order	Unit	Unit Price	Total
1		STOPWATCH CASIO HS 30 W ORIGINAL - Kreo 0	3.00	UNIT	900,000.00	2,700,000.00
Estimated Grand Total Value (VAT excluded)					IDR	2,700,000.00
VAT (10%)					IDR	270,000.00
Estimated Grand Total Value (VAT included)					IDR	2,970,000.00
Other requirement should be followed by Vendor:						
Term ID	Description					
Additional Information Priority *) : 0 Normal (1 month to 2 years). Required Date : Jun 15, 2015 2:23 PM Item Classification : NRPLANT Material Categories : TO BE USED			Advise for Procurement Process Material/Sparepart : Vendor Candidates : Price : Certificate :			
Procurement Process Guideline						
Prepared By		Reviewed By		Approved By		
						
CHEMIST ENGINEER		GREG ADAMCZAK - Operation Manager		Sauli Lehtinen - Station Manager		
Distribution: Original: Purchasing. 1st Copy: User. 2nd Copy: Store. * Standard Priority Classification. May deviate due to source of delivery and plant status.						

Lampiran 23 RFQ TJB-PC 15619 R00 CV. Dwi Berkah Mandiri Jaya (Sumber : PT. TJB Power Services)



REQUEST FOR QUOTATION

Jan 12, 2016 1:30 PM
TJB-PC 15619 - RFQ

To : CV. DWI BERKAH MANDIRI JAYA
Jl. Wiroto Dalam I No.1
Semarang
Jawa Tengah
Phone : 024-7623361
Fax : 024-7623361
Attention : Mr. Moh. Ilyas
Email : dwiberkahmandirijaya@yahoo.co.id
Subject : STOPWATCH FOR WATER LABORATORY

We are pleased to request your quotation for the above mentioned subject for PT. Tanjung Jati Power Services 2x660 MW Power Plants as required in our attached specification. Please quote your best delivery time with the delivery condition DDP TJB Tanjung Jati B Power Plant (preferable) or CIF Semarang Port, Mid Java Indonesia (Incoterms 2000). Terms and conditions of payment is thirty (30) days net after accepted delivery and invoice.

Please submit your proposal as follow either by:

A. Facsimile : +62 291 772119
Attention : CHEMIST ENGINEER
Reference : TJB-PC 15619

B. Mail (Sealed Envelope)
PT. PLN(Persero) Pembangunan Tanjung Jati B
Tanjung Jati B Power Plant
Desa Tubanan, Kecamatan Kembang
Kabupaten Jepara, Jawa Tengah
59453

C. Email :
Reference : TJB-PC 15619

Please acknowledge your receipt of this RFQ and inform us of your earliest possible quotation submission date. After evaluation of this quotations, we will contact to preferred bidders for further clarifications or negotiations.

We look forward to receive your reply as soon as possible. Please do not hesitate to contact us for further information.

Your Sincerely,
Procurement,
E-mail: null
Mobile : -

APPENDICES
Exhibit A. TJB-PC15619 - RFQ Specification.

PT. TJB POWER SERVICES
Tanjung Jati B Power Plant, Desa Tubanan, Kecamatan Kembang, Kabupaten Jepara, Jawa Tengah.
Phone: +62 291 772 566 Fax: +62 291 772 119

Lampiran 24 RFQ TJB-PC 15619 R00 PT. Karya Energi Indonesia (Sumber : PT. TJB Power Services)



REQUEST FOR QUOTATION

Jan 12, 2016 1:30 PM
TJB-PC 15619 - RFQ

To : KARYA ENERGI INDONESIA, PT
Jl Semarang 104 A No. 23
Surabaya
East Java

Phone : 031-5458550
Fax : 031-5453527
Attention : Mr. M.N. Arrobi
Email : robi@karya-energi.com, robi.karyaenergi@gmail.com
Subject : STOPWATCH FOR WATER LABORATORY

We are pleased to request your quotation for the above mentioned subject for PT. Tanjung Jati Power Services 2x660 MW Power Plants as required in our attached specification.
Please quote your best delivery time with the delivery condition DDP TJB Tanjung Jati B Power Plant (preferable) or CIF Semarang Port, Mid Java Indonesia (Incoterms 2000).
Terms and conditions of payment is thirty (30) days net after accepted delivery and invoice.

Please submit your proposal as follow either by:

A. Facsimile : +62 291 772119
Attention : CHEMIST ENGINEER
Reference : TJB-PC 15619

B. Mail (Sealed Envelope)
PT. PLN(Persero) Pembangkitan Tanjung Jati B
Tanjung Jati B Power Plant
Desa Tubanan, Kecamatan Kembang
Kabupaten Jepara, Jawa Tengah
59453

C. Email :
Reference : TJB-PC 15619

Please acknowledge your receipt of this RFQ and inform us of your earliest possible quotation submission date. After evaluation of this quotations, we will contact to preferred bidders for further clarifications or negotiations.

We look forward to receive your reply as soon as possible. Please do not hesitate to contact us for further information.

Your Sincerely,
Procurement,
E-mail: null
Mobile : -

APPENDICES
Exhibit A. TJB-PC15619 - RFQ Specification.

PT. TJB POWER SERVICES
Tanjung Jati B Power Plant, Desa Tubanan, Kecamatan Kembang, Kabupaten Jepara, Jawa Tengah.
Phone: +62 291 772 566 Fax: +62 291 772 119

Lampiran 25 RFQ TJB-PC 15619 R00 Sumber Teknik (Sumber : PT. TJB Power Services)



REQUEST FOR QUOTATION

Jan 12, 2016 1:30 PM
TJB-PC 15619 - RFQ

To : SUMBER TEKNIK
Jl. Pemuda 41
Jepara

Phone : 0291-598568
Fax : 0291-598569
Attention : Mr. Henry Sarwin
Email : scvsumberteknik@yahoo.com
Subject : **STOPWATCH FOR WATER LABORATORY**

We are pleased to request your quotation for the above mentioned subject for PT. Tanjung Jati Power Services 2x660 MW Power Plants as required in our attached specification.
Please quote your best delivery time with the delivery condition DDP TJB Tanjung Jati B Power Plant (preferable) or CIF Semarang Port, Mid Java Indonesia (Incoterms 2000).
Terms and conditions of payment is thirty (30) days net after accepted delivery and invoice.

Please submit your proposal as follow either by:

A. Facsimile : +62 291 772119
Attention : CHEMIST ENGINEER
Reference : TJB-PC 15619

B. Mail (Sealed Envelope)
PT. PLN(Persero) Pembangunan Tanjung Jati B
Tanjung Jati B Power Plant
Desa Tubanan, Kecamatan Kembang
Kabupaten Jepara, Jawa Tengah
59453

C. Email :
Reference : TJB-PC 15619

Please acknowledge your receipt of this RFQ and inform us of your earliest possible quotation submission date. After evaluation of this quotations, we will contact to preferred bidders for further clarifications or negotiations.

We look forward to receive your reply as soon as possible. Please do not hesitate to contact us for further information.

Your Sincerely,
Procurement,
E-mail: null
Mobile :-

APPENDICES
Exhibit A. TJB-PC15619 - RFQ Specification.

PT. TJB POWER SERVICES
Tanjung Jati B Power Plant, Desa Tubanan, Kecamatan Kembang, Kabupaten Jepara, Jawa Tengah.
Phone: +62 291 772 566 Fax: +62 291 772 119

0701 - 05 - F01

TJB-PC-15619 R000

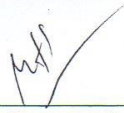
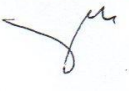
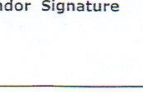
NO	DESCRIPTION	CV, Sumbar Tasik				CV, Dwi Bertaah Mandiri Jaya				PT, Karya Energi Indonesia				TIR-PC 1609				REMARKS
		QTY	UNIT	PRICE	TOTAL	QTY	UNIT	PRICE	TOTAL	QTY	UNIT	PRICE	TOTAL	QTY	UNIT	PRICE	TOTAL	
1	STOPWATCH CASO HS 30 W ORIGINAL - 1 item 0	3	IDR	583,000	1,749,000	IDR	975,000	2,925,000	IDR	1,055,000	3,150,000	IDR	900,000	2,700,000				
	BRAND	STOPWATCH CASO HS 30 W				STOPWATCH CASO HS 30 W				STOPWATCH CASO HS 30 W				STOPWATCH CASO HS 30 W				
	TECHNICAL ASPECT (TA)	A				A				A				A				
	BIDDING PRICE (B)	1,749,000				2,925,000				3,150,000				2,700,000				
	DISCOUNT (%)	0.00%				0.00%				0.00%				0.00%				
	BIDDING PRICE AFT DISCOUNT (D)	1,749,000				2,925,000				3,150,000				2,700,000				
	TRANSPORTATION COST (+)	0				0				0				0				
	BOBES VAT (+)	0.00%				0.00%				0.00%				0.00%				
	TOTAL PRICE (D)	1,749,000				2,925,000				3,150,000				2,700,000				
	DEVIATION FROM SCOPE (+/-)	IDR				IDR				IDR				IDR				
	TRAINING (+)	IDR				IDR				IDR				IDR				
	INSTALLATION (+)	IDR				IDR				IDR				IDR				
	COMMISSIONING (+)	IDR				IDR				IDR				IDR				
	TERMS OF PAYMENT (+/-)	IDR				IDR				IDR				IDR				
	OPTIONS (+)	IDR				IDR				IDR				IDR				
	GUARANTEE (+/-)	IDR				IDR				IDR				IDR				
	0.68 COSTS, ADDITIONAL RELATIVE (+)	IDR				IDR				IDR				IDR				
	EVALUATION PRICE	IDR				IDR				IDR				IDR				
	EVALUATION PRICE	USD 124.48				USD 208.19				USD 224.20				USD 193.17				
	GUARANTEE	5 weeks after receipt order				1 week after receipt order				4 weeks after receipt order				TIRBS Site				
	DELIVERY TIME	TIRBS Site				TIRBS Site				TIRBS Site				TIRBS Site				
	TERMS OF DELIVERY	30 days after delivery & invoice				30 days after delivery & invoice				30 days after delivery & invoice				30 days after delivery & invoice				
	PRICE VALIDITY																	
	SPECIAL NOTES:																	
REQ SUBMITTED TO:		CV, Sumbar Tasik				CV, Dwi Bertaah Mandiri Jaya				PT, Karya Energi Indonesia				TIR-PC 1609				
1. CV, Sumbar Tasik																		
2. CV, Dwi Bertaah Mandiri Jaya																		
3. PT, Karya Energi Indonesia																		
4. TIR-PC 1609																		
ADDITIONAL INFO:																		

BID.15619 R00 STOPWATCH FOR WATER LABORATORY

1 (1)

Technical Aspect (TA): A = Accepted; B=Accepted with Note; C = Not Accepted

Lampiran 27 PO TJB-PC 15619 R00 *Stopwatch for Water Laboratory* (Sumber : PT. TJB Power Services)

 PURCHASE ORDER Surat Pesanan		Number / Nomor : TJB-PC 15619. Date / Tanggal : 12 January 2016 PO Number must appear on all invoices, correspondences, and delivery Notes. Nomor PO harus dicantumkan dalam semua faktur dan korespondensi.				
To/ Kepada : SUMBER TEKNIK Jl. Pemuda 41 Jepara. Email : socsumberteknik@yahoo.com Fax : 0291-596566 Phone : 0291-596566 Attention : Mr. Henry Sarwin		Quotation Ref. No : 0078/ST/15/05/TJB-PC-15619 Date/Tanggal : 07 January 2016				
STOPWATCH FOR WATER LABORATORY						
Remarks : Need to provide Stopwatch to support water laboratory analysis..						
Invoicing Address/Alamat Tagihan PT. TJB POWER SERVICES Tanjung Jati B PowerPlant Accounting Ds. Tubanan, Kec. Kembang Jepara 59453 Jawa Tengah, Indonesia		Delivery Address/Alamat Penyerahan PT. TJB POWER SERVICES Tanjung Jati B PowerPlant Ds. Tubanan, Kec. Kembang Jepara 59453 Jawa Tengah, Indonesia Tlp : +62 291 771566 Fax : +62 291 772119				
		Terms of Payment/Syarat Pembayaran 30 days after delivery & invoice PPH 22 Tax will be deducted from Total Material Price if any. PPH 23 Tax will be deducted from Total Services Price if any Term of Delivery/Syarat Pengiriman DDP TJB Power Plant Site Delivery Time/Waktu Penyerahan 5 weeks after receipt order				
The attach general terms and conditions are part of this Purchase Order TAX Number/Nomor Pokok Wajib Pajak(NPWP) 02.378.051.3-511.000 Cost Center Account A802C40204-6010100039						
No.	Item Code	Description	Order Qty	Order Unit	Unit Price IDR	Total IDR
1	0	STOPWATCH CASIO HS 30 W ORIGINAL - Kreo	3.00	UNIT	583,000.00	1,749,000.00
Total value (VAT10% excluded)IDR :						1,749,000.00
Prepared By  Acting Procurement Leader		Reviewed By  F & A Manager		Approved By  Manager		Station Manager 
Supply shall be subject to the terms and conditions set forth on this general terms and conditions of purchase and additional terms and conditions if any Pembelian terikat dengan syarat syarat umum Surat Pesanan pada lembar belakang dari Surat serta persyaratan tambahan jika ada						Vendor Signature 
Additional Information Asset Code : not defined // ,-. Item Classification : For further information please contact Tulus Pudjianto.						

LAMPIRAN

Lampiran 28 Pertanyaan Wawancara

Di dalam sistem pengambil keputusan ini terdapat 5 kriteria, 17 nilai standar kriteria dan 2 atribut kriteria yaitu *cost* dan *benefit*. Hasil tersebut berdasarkan hasil wawancara dengan *buyer*, dengan pertanyaan dan jawaban sebagai berikut.

Pertanyaan	Jawaban
Siapakah yang melakukan pemesanan barang atau jasa ke vendor?	<i>Buyer</i>

Pertanyaan	Jawaban
Apakah seorang <i>buyer</i> khusus dalam satu jenis pemesanan barang atau jasa?	Tidak

Pertanyaan	Jawaban
Berapa perkiraan jumlah PO yang harus dibuat oleh seorang <i>buyer</i> dalam periode satu minggu?	Sekitar 20 PO

Pertanyaan	Jawaban
Apa saja kriteria dalam menentukan vendor pemenang?	Bidang usaha vendor, spek barang atau jasa, lama pengiriman, harga dan potongan harga

Pertanyaan	Jawaban
Untuk beberapa kriteria dibawah ini silahka tentukan nilai bobot sub kriterianya:	

Kriteria	Sub Kriteria	Nilai
Bidang usaha vendor (<i>electrical, instrument, mechanical, chemical, services</i>)	1 bidang usaha	1
	2 bidang usaha	2
	3 bidang usaha	3
	4 bidang usaha	4
	5 bidang usaha	5
Spesifikasi barang atau jasa	Tidak sesuai <i>request user</i>	1
	Kurang sesuai <i>request user</i>	2
	Sesuai <i>request user</i>	3
Lama pengiriman	Kurang dari <i>required date</i>	1
	Sama dengan <i>required date</i>	2
	Melebihi <i>required date</i>	3
Harga barang	Kurang dari harga PR	1
	Sama dengan harga PR	2
	Melebihi harga PR	3
Potongan Harga	0-2%	1
	3-5%	2
	>5%	3

Pertanyaan
Untuk beberapa kriteria yang sudah anda sebutkan tadi, silahkan tentukan masuk dalam kategori apa, dengan ketentuan C = kriteria yang semakin rendah nilainya semakin bagus atau B = kriteria yang semakin tinggi nilainya semakin bagus (contoh : harga = C, potongan harga = B)

Kriteria	Nilai
Bidang usaha vendor	B
Spesifikasi barang atau jasa	B
Lama pengiriman	C
Harga	C
Potongan harga	B

Pertanyaan	Jawaban
Apakah anda mengetahui bahwa ada sistem yang dapat digunakan untuk membantu dalam pemilihan vendor pemenang dalam pengadaan barang atau jasa?	Tidak

Pertanyaan	Jawaban
Biasanya bagaimana anda menentukan vendor pemenang dalam proses pengadaan barang atau jasa?	Membuat <i>bidding evaluation</i> dengan Ms. Excel

Pertanyaan	Jawaban
Apakah anda merasa lebih mudah dengan cara yang anda gunakan?	Membutuhkan waktu yang lama, apalagi jika ada <i>outage/overhaul</i> karena banyak PR dari <i>user</i> .

Lampiran 29 Dokumentasi

**GEDUNG UTAMA PLN TANJUNG JATI B****RUANG PEMBELIAN PLN TANJUNG JATI B****RUANG TAMU PT. TJB POWER SERVICES**



GEDUNG UTAMA PT. TJB POWER SERVICES



PLTU TANJUNG JATI B UNIT 1 & 2