



Coast Colleges



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REQUEST FOR BID

Bid Number 2021

**Steinway Piano's
Orange Coast College**

**Coast Community College District
1370 Adams Avenue
Costa Mesa, California 92626
(714) 438-4680**

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BID NO. 2021
BID-CONTRACT DOCUMENTS**

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NOTICE CALLING FOR BIDS

NOTICE IS HEREBY GIVEN that, pursuant to Section 20651 of the California Public Contract Code, Coast Community College District of the County of Orange, California, acting by and through its Governing Board, hereinafter referred to as the "District", will prior to **10:00 a.m., on June 4, 2013** (the "Bid Opening"), solicit sealed bids for the award of a contract for:

BID NUMBER 2021, Steinway Grand Piano's for Orange Coast College

Bid Number 2021 is for the procurement and installation of eight (8) Steinway's, Six (6) Boston piano's and twenty-six (26) digital pianos and an alternate trade-in allowance for existing piano's for the Music Department at Orange Coast College as described in the Bid Documents.

Bids shall be submitted on the form furnished by District in a sealed envelope marked with the bidder's name and return address, and labeled and delivered to: **Bid Number 2021, Coast Community College District, Director of Purchasing, 1370 Adams Avenue, Costa Mesa, California 92626.**

All bids received prior to the Bid Opening deadline will be opened and read aloud publicly at the above stated time and place.

Each bid must conform and be responsive to the Bid-Contract Documents, copies of which are on file and may be obtained from the Director of Purchasing at the above address, or by calling (714) 438-4680, or at <http://www.cccd.edu/purchasing/vendors.aspx>.

The District reserves the right to reject any or all bids and to waive any irregularities or informalities in any bid or in the bidding procedure.

The District does not discriminate against any person or firm interested in providing goods and services to the District on the basis of race, color, religion, sex or sexual orientation, marital status, national origin, age, veterans' status or handicap.

Governing Board, Coast Community College District
County of Orange, California

By: John M. Eriksen,
Director of Purchasing

Published: May 2, 2013
May 9, 2013

INSTRUCTIONS TO BIDDERS

1. Bid Form

The District invites bids to be submitted on the bid form furnished by District prior to the date and time stated in the Notice Calling for Bids. Submit in a sealed envelope as required in the Notice Calling for Bids.

All spaces on the bid form must be completed using ink, a printer or typewriter. Insert “N/Q” for “No Quote” where appropriate.

No erasures are permitted. Mistakes must be crossed-out and corrections printed adjacent, initialed in ink by the person signing the bid form before the Bid Opening.

It is the sole responsibility of the bidder that the bid is received by Bid Opening. Any bid received after the Bid Opening will be returned to the bidder unopened.

a. Signature

The bid must be signed in the name of the bidder and must bear the signature in longhand of the person or persons duly authorized to sign the bid on behalf of the bidder.

b. Modifications

Changes in, or additions to, the bid form, recapitulations of the work bid upon, alternative proposals, or any other modification of the bid form which is not specifically required or allowed in the Bid-Contract Documents may result in the District’s rejection of the bid as not responsive and not responsible to the Bid-Contract Documents. No oral, telephonic, facsimile or electronic modification of any bid submitted will be considered.

c. Brand Names and Product Alternates

Brand names, where specified, are included to indicate type and quality expected. **Unless specified “No Product Substitutions” in the Specifications, equal alternates for products, materials and equipment will be considered for substitution (“Product Substitutions”).**

Bidder shall state the brand name and number of Product Substitution to be provided; otherwise, it shall be understood that the bidder is bidding on the exact brand and number specified in the bid form. Substitute brands may be accepted at District’s sole discretion if deemed equal or greater in all respects to that specified. Samples of substitutes with trade numbers must be submitted to the Purchasing Department. A bidder must clearly mark samples with the Bid Number, bidder’s name, address, telephone, and other contact information, and must furnish all samples at bidder’s sole expense - no expense to District. Such samples, if not destroyed by tests, will become the property of District, unless otherwise requested at time of submission of the samples. Any samples returned

shall be at bidder's liability and at bidder's expense. District reserves the right to be the sole judge regarding the suitability of the products, services or supplies offered, and whether deviations are acceptable.

d. Sales Tax

Unless otherwise specified, do not include California State Sales or Use Tax in your bid prices.

e. Definitions

The definitions set forth below or in other Bid-Contract Documents are applicable to all Bid-Contract Documents.

(1) The term "Addenda" means written or graphic instruments issued by District before the Bid Opening which modify or interpret the Bid-Contract Documents by additions, deletions, clarifications, or corrections.

(2) The term "Bidder" or "bidder" means a vendor, or its employees, representatives or agents that submit a bid.

(3) The terms "District", "Owner", "College" or "Governing Board" as used herein shall all be deemed to mean the Coast Community College District and its Colleges or its representatives and Governing Board.

(4) The term "Purchase Order" means a contract for the purchase of goods.

(5) The term "Unit Price" means a fixed price per unit of measurement for an item to be purchased and shipped F.O.B. Destination/Shipping Point from the bidder as offered in its bid.

2. Bid-Contract Documents

The "Bid-Contract Documents" mean:

| | |
|--------------------------------------|--------------------|
| Table of Contents | General Conditions |
| Notice Calling for Bids | Special Conditions |
| Instructions to Bidders | Specifications |
| Bid Form and Non-Collusion affidavit | IRS Form W-9 |

The District reserves the right to revise the Bid-Contract Documents before the Bid Opening by issuing an addendum. Any revision to the Bid-Contract Documents after acceptance of a bid by issuance of a Notice of Award must be made by a written change notice signed by the District.

3. **Interpretation/Clarification of Bid-Contract Documents**

Any request for interpretation or clarification of the Bid-Contract Documents or for additional information must be submitted in writing to:

John Eriksen
Purchasing Department
COAST COMMUNITY COLLEGE DISTRICT
1370 Adams Avenue
Costa Mesa, CA 92626
Office: (714) 438-4680
Fax: (714) 438-4895
Email: jeriksen@mail.cccd.edu

The deadline to submit requests for interpretation or clarification is 10:00 a.m. on May 30, 2013.

The bidder submitting the request is responsible for its prompt delivery. Facsimile, email or other reasonable and customary written correspondence, are acceptable means of communication.

4. **Addenda**

Any response that DISTRICT may choose to make for purposes of interpretation or clarification will be in writing and issued in an addendum. Addenda, if necessary, will be released only by the District and at least 72 hours before the Bid Opening. Addenda will be identified as such and will be posted to the District's Purchasing Department website at <http://www.cccd.edu/purchasing/vendors.aspx>. At its sole discretion, the District may elect to deliver addenda via email, facsimile, U.S. Mail or carrier to those who have provided such contact information. Addenda withdrawing the Notice Calling for Bids or postponing the Bid Opening may be issued anytime before the Bid Opening.

Each bidder is solely responsible for ascertaining, before submitting a bid, that it has received all addenda.

No person is authorized to make oral interpretation or clarification or changes of any provision of the Bid-Contract Documents to any bidder; and no bidder is authorized to rely on any such unauthorized oral communications.

5. **Examination Bid-Contract Documents**

Each bidder shall fully acquaint itself with the conditions relating to delivery or other aspects of the contract so that the bidder may fully understand the facilities, difficulties, restrictions and expectations attending the execution of the contract. Bidders shall thoroughly examine and be familiar with the Bid-Contract Documents. The failure or omission of any bidder to receive or examine any bid or contract document, form, instrument, addendum, or any other document or to visit the District's Campus site or website and become acquainted with existing conditions shall in no way relieve any bidder from any obligation with respect to the bidder's bid or to the

contract. The submission of a bid shall be taken as prima facie evidence of compliance with this section.

6. **Withdrawal of Bids**

Any bidder may withdraw its bid by written request, in the form of a letter, facsimile, email or other written correspondence, at any time prior to the Bid Opening. After the Bid Opening, bids cannot be withdrawn, corrected, altered or signed.

Each bidder must verify its bid before submission. The District will not be responsible for errors or omissions on the part of the bidders in preparing their bids.

7. **Time for Opening**

The stamped time from the date-time clock located at the bid collection point will be the official time for the Bid Opening. Bids must be stamped **PRIOR** to the bid deadline. Bids stamped with the deadline time or after will be rejected and returned to the bidder unopened.

Bids will be publicly opened and read aloud in the Purchasing Department or other place designated in the Notice Calling for Bids on the same day promptly following the Bid Opening.

8. **Bidders Interested in More Than One Bid**

No person, firm or corporation shall be allowed to make, or file or be interested in more than one bid for the same contract unless alternate bids are specifically invited. A person, firm or corporation that has submitted a sub-proposal or sub-bid to a prime bidder, or that has quoted prices of materials to a bidder is not thereby disqualified from submitting a sub-proposal or sub-bid or quoting prices to other bidders or making a prime bid.

9. **Award**

District fully reserves the right to reject any bid, or to reject all bids and make no award, or to make or to waive any informality or irregularity in any bid received or in the bidding process, and to be the sole judge of the merits of the respective bids received. District may reject any bid that, in its opinion when compared to other bids received or to District's internal estimates, does not accurately reflect the cost estimates of the goods or services to be purchased. District may reject as non-responsive any bid that unevenly weights or allocates overhead and profit to one or more particular item. No part of the Bid-Contract Documents commits the District to entering a contract, nor does it obligate District to pay any costs incurred in preparation and/or submission of a bid from any bidder.

The award of the contract, if made by the District upon approval of the District's Governing Board, will be to the lowest responsive and responsible bidder, unless otherwise provided below. The decision of the District in such matters shall be final.

If the District discovers that a bidder made a mistake in calculating the Total Sum of All Unit Prices on its bid form, the true and correct calculation of the Total Sum of All Unit Prices shall be deemed the amount the bidder intended to enter and shall be used in determining the lowest bid. A **responsive bid** is one that materially complies with the form or content requirements of

the Bid-Contract Documents. A **responsible bidder** is a bidder who has the ability to satisfactorily perform the contract. As evidence of responsibility, upon the request of the District, a bidder whose bid is under consideration for contract award shall promptly submit to the District satisfactory evidence showing the bidder's financial resources, experience and organization and plant facilities available for the performance of the contract. The decision regarding the bidder's responsibility shall be formed on the basis of the preponderance of information submitted or the lack thereof, and the District's decision shall be final on such matters.

The District's Purchasing Department will post the Bid Opening results and the Recommendation to Award the Contract to the lowest responsive-responsible bidder on the Department's website at <http://www.cccd.edu/purchasing/vendors.aspx>.

Upon the Governing Board's approval to award the contract, the District shall issue a Notice of Award to the lowest responsive-responsible bidder. Receipt of the Notice of Award constitutes the District's acceptance of the bidder's offer and the award of the contract. The District may then issue a purchase order on an individual item or combination of items, whichever is to the best interest of the District. Bidder is not authorized to ship goods without an approved District purchase order issued by the Purchasing Services Department.

10. **Alternates – Per special conditions.**

11. **Worker's Compensation**

In accordance with the provisions of California Labor Code section 3700, contractors shall secure the payment of compensation to their employees. By signing the Bid Form, a bidder certifies to the District the following:

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of the code, and I will comply with such provisions before commencing the performance of the work of this contract.

12. **Forfeiture for Failure to Perform or Execute a Contract**

In the event the bidder to whom an award is made fails or refuses to perform under or to execute the contract, if required, within five (5) calendar days from the date of receiving the Notice of Award, the District may declare the bidder non-responsive and may award to the next lowest bidder, or may reject all bids and call for new bids.

13. **Bid Protest**

Any bidder submitting a bid to the District may file a protest of the District's Recommendation to Award the Contract provided that each and all of the following are satisfied:

- a. The bid protest is in writing;

- b. The bid protest is filed and received by the District's Director of Purchasing not more than five (5) calendar days following the date of issuance of the District's Recommendation to Award the Contract; and
- c. The written bid protest sets forth, in detail, all grounds for the bid protest, including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the bid protest. All factual contentions must be supported by competent, admissible and creditable evidence. Any matters not set forth in the written bid protest shall be deemed waived.

Any bid protest not conforming to the foregoing shall be rejected by the District as invalid. If a bid protest is filed as required above, the District's Director of Purchasing will review and evaluate the basis of the bid protest, and will investigate the basis for the bid protest and analyze the facts. The Purchasing Manger will notify the bidder whose bid is the subject of the bid protest of evidence presented in the bid protest and evidence found as a result of the investigation, and, if deemed appropriate, afford the bidder an opportunity to rebut such evidence, and permit the bidder an opportunity to present evidence that it should be awarded the contract.

The District's Director of Purchasing shall provide the protestor with a written statement concurring with or denying the bid protest within 10 calendar days following receipt of the bid protest, unless factors beyond the District's reasonable control prevent such a decision, in which event such decision will be issued as expeditiously as circumstances reasonably permit. The decision will state the reasons for the action taken by the District. A copy of the decision will be furnished to the protestor, the bidder whose bid is the subject of the bid protest, and all bidders who submitted bids by the Bid Opening in compliance with the Bid-Contract Documents.

If not satisfied with the Director of Purchasing's decision, the protestor has the right to appeal the decision to the District's Vice Chancellor of Administrative Services. The appeal must be in writing and shall specify the decision being appealed and all the facts and circumstances relied upon in support of the appeal. The appeal must be received by the Office of the Vice Chancellor of Administrative Services no later than 4:30 p.m. on the 5th calendar day following the protestor's receipt of the written decision, at the following address:

Office of the Vice Chancellor of Administrative Services
Coast Community College District
1370 Adams Avenue
Costa Mesa, CA 92626

A copy of the appeal shall be sent to all parties involved in the bid protest. If the final date for receipt of an appeal falls on a Saturday, Sunday, or District holiday, the appeal will be considered timely only if received by 4:30 p.m. on the following business day.

The Vice Chancellor of Administrative Services will review the Director of Purchasing's decision and the appeal, and issue a written decision. The written decision of the Vice Chancellor of Administrative Services will state the basis of the decision, and the decision will be final and not subject to any further appeal to the District.

Upon the recommendation of the Vice Chancellor of Administrative Services, the District's Governing Board will make the final determination and disposition of a bid protest by taking action to adopt, modify or reject the bid protest as reflected in the written statement of the Vice Chancellor or his/her designee. Action by the District's Governing Board relative to a bid protest shall be final and not subject to appeal or reconsideration by the District, any employee or officer of the District or the District's Governing Board. The rendition of a written statement by the Vice Chancellor of Administrative Services (or his/her designee) and action by the District's Governing Board to adopt, modify or reject the disposition of the bid protest reflected in such written statement shall be express conditions precedent to the institution of any legal or equitable proceedings relative to the bidding process, the District's award of the contract, the District's disposition of any bid protest or the District's decision to reject all bids. In the event that any such legal or equitable proceedings are instituted and the District is named as a party thereto, the prevailing party(ies) shall recover from the other party(ies), as costs, all attorneys' fees and costs incurred in connection with any such proceeding, including any appeal arising there from.

14. Prevailing Wage.

All work shall be subject to prevailing wages in accordance with Labor Code section 16001. State prevailing wage rates apply to all public works contracts as set forth in Labor Code Sections 1720, 1720.2, 1720.3, 1720.4, and 1771.

DUE PRIOR TO: 10:00 A.M., June 4, 2013

BID FORM

BID NO. 2021

**Steinway Grand Piano's
Orange Coast College**

In response to DISTRICT'S Notice Calling for Bids, released **May 2, 2013** inviting bids for a requirements purchase order contract to provide and install eight (8) Steinway's, Six (6) Boston piano's and twenty-six (26) digital pianos in the Music Department at Orange Coast College, as the DISTRICT requires, through June 30, 2013, the undersigned submits this firm offer to:

**Coast Community College District
c/o Director of Purchasing
1370 Adams Avenue
Costa Mesa, California 92626**

SECTION 1:

Bidder must enter a fixed price for each specific piano model in the space provided on the attached COAST COLLEGE **Steinway Grand Piano SPREADSHEET (1 page)**.

Bidder's total price shall include all taxes, labor, materials, tools, equipment, overhead, profit, and all other direct and indirect costs and expenses to provide and deliver as required. Prices must be net including any discounts.

Bidder agrees that all prices listed on this Form are good through June 30, 2013 after which date such prices may be modified no more than 1 time(s) before June 30, 2014, upon mutual agreement between Bidder and District. Bidder must provide the District no less than 30 days written notice of its application for a price increase.

Bidder Acknowledges receipt of Addendum(s) _____, _____, _____

SECTION 2:

Bidder Name: _____

Business Type: _____
(Corporation, Sole Proprietorship, etc.)

Street Address: _____

City, State & Zip: _____

Telephone: _____ Fax: _____

Bidder designates the following person to service the DISTRICT: _____

Provide complete address, phone and fax information if different from above:

Street Address: _____

City, State & Zip: _____

Telephone: _____

Fax: _____

Mobile Phone: _____

Bidder must list in the spaces below at least two references who can verify that Bidder can provide or has provided the services specified in the Specifications.

Company: _____

Contact Person: _____

Street Address: _____

City, State & Zip: _____

Telephone: _____

Fax: _____

Company: _____

Contact Person: _____

Street Address: _____

City, State & Zip: _____

Telephone: _____

Fax: _____

SECTION 3:

BIDDER ACKNOWLEDGES THAT IT IS BIDDER'S RESPONSIBILITY TO ASCERTAIN WHETHER ANY ADDENDA HAVE BEEN ISSUED AND IF SO, TO OBTAIN COPIES OF SUCH ADDENDA FROM THE DISTRICT PER THE INSTRUCTIONS TO BIDDERS. BIDDER THEREFORE AGREES TO BE BOUND BY ALL ADDENDA THAT HAVE BEEN ISSUED FOR THIS BID BY SIGNING BELOW.

I, _____, the undersigned, the _____ of
(Type/Print Name) *(Title)*
_____, hereby declare that I am duly authorized to execute this
(Name of Company)

Bid Form; that I have carefully examined the requirements of this Bid and have read and examined the Bid-Contract Documents, drawings, including all addenda if any; that this Bid Form constitutes a firm offer to DISTRICT that cannot be withdrawn for 60 Calendar Days after the Bid Opening, and that if awarded the Contract, all prices shall remain effective as required on this Bid Form; and that, under penalty of perjury under the laws of the State of California, to the best of my knowledge and belief, the information contained in this Bid Form is true and correct.

Signature: _____ Date: _____

**NON-COLLUSION AFFIDAVIT TO BE EXECUTED
BY BIDDER AND SUBMITTED WITH BID FORM**

_____, being first duly sworn, deposes and says that he or she is of the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signature & Date

Printed Name & Title

Bid No. 2021
Steinway Grand Pianos
Orange Coast College

| Item No. | Quantity | Unit of Measure | Description | Unit Price | Extended Price |
|----------|----------|-----------------|-------------------------------------|------------|----------------|
| 1 | 1 | Each | Steinway Model D | \$ _____ | \$ _____ |
| 2 | 4 | Each | Steinway Model B | \$ _____ | \$ _____ |
| 3 | 3 | Each | Steinway Model M | \$ _____ | \$ _____ |
| 4 | 6 | Each | Boston UP118S (Equivalent _____) | \$ _____ | \$ _____ |
| 5 | 26 | Each | Roland DP90 (Equivalent _____) | \$ _____ | \$ _____ |

Sub Total: \$ _____

Grand Total: \$ _____

Bidder accepts other agencies to “piggy-back” off of this bid per paragraph f of Special Conditions.
 (Note: a negative response will not affect the award of this bid.) Yes ___ No ___

Bid 2021 - Trade-in Value for used pianos

| Brand | Model | Year | Estimated Trade In value | Bidders Trade-in Value |
|-----------------|---------------|-------|--------------------------|------------------------|
| Hamilton | Studio Blonde | 1965 | \$ (150.00) | |
| Hamilton | Studio Blonde | 1965 | \$ (150.00) | |
| Hamilton | Studio Blonde | 1965 | \$ (150.00) | |
| Kawai | UST7 Wal | 1988 | \$ (400.00) | |
| Steinway & Sons | DES | 1975 | \$ (15,000.00) | |
| Steinway & Sons | M | 1973 | \$ (5,000.00) | |
| Steinway & Sons | B | 1969 | \$ (10,000.00) | |
| Steinway & Sons | 1098 | 1974 | \$ (1,000.00) | |
| Steinway & Sons | B | 1975 | \$ (13,000.00) | |
| Yamaha | P22 Wal | 1970 | \$ (150.00) | |
| Yamaha | P2 Blonde | 1971 | \$ (150.00) | |
| Yamaha | C3PE | 1991 | \$ (2,500.00) | |
| Yamaha | C7PE | 1971 | \$ (3,500.00) | |
| Yamaha | P22 oak | 1990 | \$ (300.00) | |
| Yamaha | P2 Blonde | 1971 | \$ (150.00) | |
| Yamaha | P2 Blonde | 1971 | \$ (150.00) | |
| Yamaha | P2 Blonde | 1971 | \$ (150.00) | |
| Yamaha | G1 Walnut | 1981 | \$ (1,000.00) | |
| Yamaha | P2 Blonde | 1961 | \$ (150.00) | |
| Yamaha | P2 Blonde | 1968 | \$ (150.00) | |
| | | Total | \$ (53,200.00) | \$ |

Special Conditions – Bid 2021
Steinway Grand Pianos
Orange Coast College

1. Scope of Work.

- a. This project is to provide eight (8) Steinway Grand pianos, six (6) Boston UP118S pianos or equivalent and twenty-six (26) Roland DP90 or equivalent digital pianos for the Music Department at Orange Coast College. There will be no substitutions or alternates for the Steinway pianos.
- b. Orange Coast College will retain five (5) of their old pianos; four (4) Yamaha uprights and the newer C7PE Grand. The remainder of the pianos may be used as a trade-in on new pianos. (See **Trade-in Value** Spreadsheet)
- c. After the successful bidder(s) have been awarded by our Board of Trustees, the Music Director from Orange Coast College will make the piano selection by physically visiting Steinway & Sons in New York City and locally in California to personally select the pianos. Once the Steinways have been selected in NYC, that information will be provided to the awarded bidder for ordering purposes. There will be no substitutions or alternates allowed for the Steinway pianos.
- d. The successful bidder shall include in the final price; delivery, installation, and set-up tuning on installed pianos. If a trade-in value for Orange Coast College's used pianos has been established by the awarded bidder and accepted by the District, then the awarded bidder shall be responsible for removal of the used pianos.
- e. This bid consist of three (3) different types of pianos. Each type is specialized in nature. Prospective bidders are encouraged to bid on each type. Each type may be awarded independently of each other or as a lot to one bidder.
- f. Other county offices of education, public agencies, and school districts within California may desire to award a contract in response to this Invitation for Bid. If authorized by bidder under schedule of this invitation, bidder shall provide Bid 2021 – Steinway Pianos to those districts at the same prices and upon the same terms and conditions pursuant to Sections 20118 and 20562 of the California Public Contract Code. A negative reply to this contract code will not affect the District's decision as to award of this bid.

- g. The District reserves (or waives) the right to require districts and other agencies to draw their warrants in favor of the DISTRICT as provided in said code sections.

Specifications
Bid 2021 – Steinway Grand Piano
Orange Coast College

1. Specification Note: Any substitution or deviation from the specifications shown below will be deemed unacceptable and result in the bidder being disqualified.

Steinway & Sons **New Model D**

A. DIMENSIONS

| | |
|------------|-------------------|
| LENGTH | 8' 11 ¾" (274 cm) |
| WIDTH | 61 ¼" (156 cm) |
| NET WEIGHT | 990 lbs. (450 kg) |

B. ENCASEMENT

| | |
|-------------|----------------------------------------------------------------------------|
| FURNITURE | Ebonized or Crown Jewel Collection Veneer. |
| PANEL STOCK | Quarter-sawn poplar corewood, cross-banded with mahogany and face veneer. |
| SOLIDS | Ebonized Birch or Maple. |
| LEGS | Ebonized birch, Crown Jewel Collection veneer over birch, locking devices. |
| FINISH | Heavy Full-Bodied Black or Clear lacquer completely hand-rubbed. |
| HARDWARE | Solid brass, polished & lacquered. |

C. INSTRUMENT

1. RIM:
Must have a minimum of **17** laminations of Hard Rock Maple, each lamination not to exceed **3/16"** in thickness; and **2 Face Veneer**, simultaneously bent, both inner and outer rims, in one single operation to form one single rim. Thickness must equal **3 ¼"** or **8.26 cm**. ***No other design or material will be accepted.***
2. BRACES:
Must have **5** Solid spruce with a volume of 4,052 cu. in. or (66,400 cm³), maple doweled to rim. Must include a cast iron treble bell affixed to the rims underside at the treble bend. ***No other design or material will be accepted.***
3. PINBLOCK:
Must have **7 laminations** of hard rock maple with top and bottom plies **3/16"** in thickness; diagonal and cross-grain plies **9/32"** in thickness and center ply to be **1/8"** in thickness. Configuration of grain must be symmetrically distributed at successive angles of **45, 90, 135** and **180** degrees and must be fully fitted to plate flange and doweled to case structure. ***No other design or material will be accepted.***
4. SOUNDBOARD:
Must be quarter-sawn, close grained (minimum 11 grains/inch), Sitka spruce to be **9mm thick** in the center continuously tapered in all directions to **6mm** as it approaches the rim, before being Double-Crowned. ***No other design or material will be accepted.***
5. RIBS:
Must be made from durable, resinous sugar pine to assure strong and constant down-bearing. Rib ends are hand-fitted into the inner rim to lock-in the soundboard crown.

6. BRIDGES:
Treble & Bass: Must be made of hard-rock maple, vertically laminated, capped with solid hard-rock maple, continuously bent to form one single bridge, planed to prescribed height, graphite coated, drilled and hand-notched for precise individual string bearing, maple doweled, glued and screwed to soundboard. ***No other design or material will be accepted.***
7. SCALE:
Overstrung; combination agraffe; front and rear duplex. Tension: 45,373 lbs. (20,418 kg)
8. PLATE:
Must be made from **gray Iron**; filled, CNC milled, sealed, bronzed and lacquered. ***No other material will be accepted.***
9. TUNING PINS
Premium steel with rust-resistant nicked heads.
10. STRINGS:
Treble: Twelve whole & one-half sizes made from high tensile steel. **Bass:** Steel core wound with pure solid copper. **Longest agraffe to bridge 79 1/4"** ***No other material will be accepted.***
11. HAMMERS:
18.5 lb. premium wool outer-felt; over premium wool under-felt, treated for insects and moisture; Compression-wired to retain pear shape. Hard maple moldings; shanks from select maple. ***No other design or material will be accepted.***
12. DAMPERS:
Maple heads with premium horizontal-cut wool.
13. ACTION:
Must be made from white quarter-sawn maple parts; bushed treated wool action cloth. Parts are to be anchored in hard maple dowels housed in inflexible seamless brass tubing. Single, combination phosphor bronze repetition & fly spring. ***No other design or material will be accepted.***
14. KEYS:
Key material must consist of Bavarian spruce, individually weighed-off, covered with chip proof, stain resistant plastic, Linden wood buttons to reinforce keys over balance rail. Must be specifically designed utilizing a combination of half-round balance rail bearings and strategically placed key leads. ***No other design or materials will be accepted.***
15. KEYBED:
Must be made from quarter-sawn spruce. Horizontal planks are to be freely mortised together, while their ends are to be permanently mortised into vertical planks of birch. Front center is to be crowned contrasting the reverse-crowned key frame for snug fit. Must have end grain maple dowels to provide a solid mount for adjustable brass touch-regulating screws. Must be 1 3/4" Thick. ***No other design or materials will be accepted.***
16. PEDALS:
Must be heavy solid brass. Soft, Sustaining, Full Sostenuto
17. BENCH:
Adjustable artist bench
18. COVER:
Quilted, padded cover for piano
19. WARRANTY:
Manufacturer's Warranty

A. DIMENSIONS

| | |
|------------|-------------------|
| LENGTH | 6' 10 ½" (211 cm) |
| WIDTH | 58" (148 cm) |
| NET WEIGHT | 760 lbs. (345 kg) |

B. ENCASEMENT

| | |
|-------------|----------------------------------------------------------------------------|
| FURNITURE | Ebonized or Crown Jewel Collection Veneer. |
| PANEL STOCK | Quarter-sawn poplar corewood, cross-banded with mahogany and face veneer. |
| SOLIDS | Ebonized Birch or Maple. |
| LEGS | Ebonized birch, Crown Jewel Collection veneer over birch, locking devices. |
| FINISH | Heavy Full-Bodied Black or Clear lacquer completely hand-rubbed. |
| HARDWARE | Solid brass, polished & lacquered. |

C. INSTRUMENT

1. RIM:
Must have a minimum of **16** laminations of Hard Rock Maple, each lamination not to exceed **3/16"** in thickness; and **2 Face Veneer**, simultaneously bent, both inner and outer rims, in one single operation to form one single rim. Thickness must equal **3"**. ***No other design or material will be accepted.***
2. BRACES:
Must have **4** Solid spruce with a volume of 2,265 cu. in. or (37,117 cm³), maple doweled to rim. Must include a cast iron treble bell affixed to the rims underside at the treble bend. S & S iron wedge anchors to secure brace ends to cross block. ***No other design or material will be accepted.***
3. PINBLOCK:
Must have **7 laminations** of hard rock maple with top and bottom plies **3/16"** in thickness; diagonal and cross-grain plies **9/32"** in thickness and center ply to be **1/8"** in thickness. Configuration of grain must be symmetrically distributed at successive angles of **45, 90, 135** and **180** degrees and must be fully fitted to plate flange and doweled to case structure. ***No other design or material will be accepted.***
4. SOUNDBOARD:
Must be quarter-sawn, close grained (minimum 11 grains/inch), Sitka spruce to be **8mm thick** in the center continuously tapered in all directions to **5mm** as it approaches the rim, before being Double-Crowned. ***No other design or material will be accepted.***
5. RIBS:
Must be made from durable, resinous sugar pine to assure strong and constant down-bearing. Rib ends are hand-fitted into the inner rim to lock-in the soundboard crown.
6. BRIDGES:
Treble & Bass: Must be made of hard-rock maple, vertically laminated, capped with solid hard-rock maple, continuously bent to form one single bridge, planed to prescribed height, graphite coated, drilled and hand-notched for precise individual string bearing, maple doweled, glued and screwed to soundboard. ***No other design or material will be accepted.***

7. SCALE:
Overstrung; combination agraffe; front and rear duplex. Tension: 39,047 lbs. (17,571 kg)
8. PLATE:
Must be made from **gray iron**; filled, CNC milled, sealed, bronzed and lacquered. **No other material will be accepted.**
9. TUNING PINS
Premium steel with rust-resistant nicker heads.
10. STRINGS:
Treble: Twelve whole & one-half sizes made from high tensile steel. **Bass:** Steel core wound with pure solid copper. **Longest agraffe to bridge 59 ¼"** **No other material will be accepted.**
11. HAMMERS:
16.5 lb. premium wool outer-felt; over premium wool under-felt, treated for insects and moisture; Compression-wired to retain pear shape. Hard maple moldings; shanks from select maple. **No other design or material will be accepted.**
12. DAMPERS:
Maple heads with premium horizontal-cut wool.
13. ACTION:
Must be made from white quarter-sawn maple parts; bushed treated wool action cloth. Parts are to be anchored in hard maple dowels housed in inflexible seamless brass tubing. Single, combination phosphor bronze repetition & fly spring. **No other design or material will be accepted.**
14. KEYS:
Key material must consist of Bavarian spruce, individually weighed-off, covered with chip proof, stain resistant plastic, Linden wood buttons to reinforce keys over balance rail. Must be specifically designed utilizing a combination of half-round balance rail bearings and strategically placed key leads. **No other design or materials will be accepted.**
15. KEYBED:
Must be made from quarter-sawn spruce. Horizontal planks are to be freely mortised together, while their ends are to be permanently mortised into vertical planks of birch. Front center is to be crowned contrasting the reverse-crowned key frame for snug fit. Must have end grain maple dowels to provide a solid mount for adjustable brass touch-regulating screws. Must be **1 11/16"** Thickness. **No other design or materials will be accepted.**
16. PEDALS:
Must be heavy solid brass. Soft, Sustaining, Full Sostenuto
17. BENCH:
Adjustable artist bench
18. COVER:
Quilted, padded cover for piano
19. WARRANTY:
Manufacturer's Warranty

A. DIMENSIONS

| | |
|------------|-------------------|
| LENGTH | 5' 7" (170 cm) |
| WIDTH | 57 ¾" (147 cm) |
| NET WEIGHT | 560 lbs. (255 kg) |

B. ENCASEMENT

| | |
|-------------|----------------------------------------------------------------------------|
| FURNITURE | Ebonized or Crown Jewel Collection Veneer. |
| PANEL STOCK | Quarter-sawn poplar corewood, cross-banded with mahogany and face veneer. |
| SOLIDS | Ebonized Birch or Maple. |
| LEGS | Ebonized birch, Crown Jewel Collection veneer over birch, locking devices. |
| FINISH | Heavy Full-Bodied Black or Clear lacquer completely hand-rubbed. |
| HARDWARE | Solid brass polished & lacquered. |

C. INSTRUMENT

1. RIM:
Must have a minimum of **10** laminations of Hard Rock Maple, each lamination not to exceed **3/16"** in thickness; and **2 Face Veneer**, simultaneously bent, both inner and outer rims, in one single operation to form one single rim. Thickness must equal **2 ¼"**. ***No other design or material will be accepted.***
2. BRACES:
Must have **3** Solid spruce with a volume of 1,659 cu. in. or (27,186 cm³), maple doweled to rim. S & S iron wedge anchors to secure brace ends to cross block. ***No other design or material will be accepted.***
3. PINBLOCK:
Must have **7 laminations** of hard rock maple with top and bottom plies **3/16"** in thickness; diagonal and cross-grain plies **9/32"** in thickness and center ply to be **1/8"** in thickness. Configuration of grain must be symmetrically distributed at successive angles of **45, 90, 135** and **180** degrees and must be fully fitted to plate flange and doweled to case structure. ***No other design or material will be accepted.***
4. SOUNDBOARD:
Must be quarter-sawn, close grained (minimum 11 grains/inch), Sitka spruce to be **8mm thick** in the center continuously tapered in all directions to **5mm** as it approaches the rim, before being Double-Crowned. ***No other design or material will be accepted.***
5. RIBS:
Must be made from durable, resinous sugar pine to assure strong and constant down-bearing. Rib ends are hand-fitted into the inner rim to lock-in the soundboard crown.
6. BRIDGES:
Treble & Bass: Must be made of hard-rock maple, vertically laminated, capped with solid hard-rock maple, continuously bent to form one single bridge, planed to prescribed height, graphite coated, drilled and hand-notched for precise individual string bearing, maple doweled, glued and screwed to soundboard. ***No other design or material will be accepted.***

7. SCALE:
Overstrung; combination agraffe; front and rear duplex. Tension: 33,823 lbs. (15,040 kg)
8. PLATE:
Must be made from **gray Iron**; filled, CNC milled, sealed, bronzed and lacquered. **No other material will be accepted.**
9. TUNING PINS
Premium steel with rust-resistant nicked heads.
10. STRINGS:
Treble: Eleven whole & one-half sizes made from high tensile steel. **Bass:** Steel core wound with pure solid copper. **Longest agraffe to bridge 49 1/4"** **No other material will be accepted.**
11. HAMMERS:
16.5 lb. premium wool outer-felt; over premium wool under-felt, treated for insects and moisture; Compression-wired to retain pear shape. Hard maple moldings; shanks from select maple. **No other design or material will be accepted.**
12. DAMPERS:
Maple heads with premium horizontal-cut wool.
13. ACTION:
Must be made from white quarter-sawn maple parts; bushed treated wool action cloth. Parts are to be anchored in hard maple dowels housed in inflexible seamless brass tubing. Single, combination phosphor bronze repetition & fly spring. **No other design or material will be accepted.**
14. KEYS:
Key material must consist of Bavarian spruce, individually weighed-off, covered with chip proof, stain resistant plastic, Linden wood buttons to reinforce keys over balance rail. Must be specifically designed utilizing a combination of half-round balance rail bearings and strategically placed key leads. **No other design or materials will be accepted.**
15. KEYBED:
Must be made from quarter-sawn spruce. Horizontal planks are to be freely mortised together, while their ends are to be permanently mortised into vertical planks of birch. Front center is to be crowned contrasting the reverse-crowned key frame for snug fit. Must have end grain maple dowels to provide a solid mount for adjustable brass touch-regulating screws. Must be **1 11/16"** Thickness. **No other design or materials will be accepted.**
16. PEDALS:
Must be heavy solid brass. Soft, Sustaining, Full Sostenuto
17. BENCH:
Adjustable artist bench
18. COVER:
Quilted, padded cover for piano
19. WARRANTY:
Manufacturer's Warranty

A. DIMENSIONS

| | |
|------------|-------------------|
| HEIGHT: | 46 ½" (118 cm) |
| WIDTH | 59 ¼" (151 cm) |
| DEPTH: | 22 ¾" (58 CM) |
| NET WEIGHT | 480 lbs. (218 kg) |

B. ENCASEMENT

| | |
|--------------|-------------------------------------------------------------------------------|
| FURNITURE | Natural finishes over veneers of American Oak or Walnut and African mahogany. |
| FINISH | Satin finishes (polyurethane or nitrocellulose lacquer). |
| HARDWARE | Solid Brass: polished and lacquered. |
| CABNET STYLE | School |

C. INSTRUMENT

1. RIM/BACKFRAME:
Mahogany foot piece soundboard lining and backboard.
2. BRACES/POSTS
Full-length laminated mahogany posts. 5 posts. Total cross sectional area: 37.2 in² (240 cm²). Thickness of post: 2 3/8" (6 cm). Width of post: 3 1/8" (8 cm).
3. PINBLOCK:
Octagrip™ pinblock made of 11 layers of hard rock maple – glued in different grain angles of 60 degrees.
4. SOUNDBOARD:
Close and straight-grain solid (not laminated) Sitka spruce. Minimum 3 annual growth rings per cm (min 8 per inch). Tapered from 9 mm to 8mm.
5. RIBS:
Made from spruce. Number of ribs: 10
6. BRIDGES:
Treble : Solid maple, curved to fit the crown of the soundboard. **Bass**: Solid maple mounted to cantilevered base. Doweled, glued and screwed to soundboard. One continuous base and treble bridge.
7. SCALE:
Overstrung. Tension: 38,415 lbs. (17,425 kg)
8. PLATE:
Must be made from **gray Iron**, bronze painted and lacquered.
9. TUNING PINS
Premium steel with rust-resistant nicked heads.
10. STRINGS:
Treble: Highest grade steel (in half size increments). Number of sizes: 14.

11. **HAMMERS:**
20.8 lb. Premium wool top-felt over premium wool under-felt, treated for insects and moisture; Compression-wired to retain permanent shape. Mahogany moldings.
12. **ACTION:**
Solid maple (all wood, no plastic) for all moving parts. Extruded aluminum action rails.
13. **KEYS:**
Key material made of spruce, individually balanced and weighed. Length of keys 13.7".
14. **KEYBED:**
Made from laminated hardwood. Thickness is 42 mm.
15. **KEYFRAME.**
Spruce with hardwood inserts in the balance rail and front rail.
16. **PEDALS:**
Must be heavy solid castings. . Soft (half-blow), damper (sustaining) and bass sustaining.
17. **OTHER:**
Music desk: Professional solid music desk. Casters: Double rubber casters. Locks: Fallboard and top locks. Prop sticks: top prop sticks.
18. **WARRANTY:**
Manufacturer's Warranty

Roland DP90 Digital Piano

1. Keyboard: 88 keys (Ivory feel-S keyboard with escapement.
2. Touch Sensitivity: Key touch: 5 levels, fixed touch
3. Keyboard Modes: Whole; dual; split; twin piano
4. Pedals: Damper (capable of continuous detection); soft (capable of continuous detection) Sostenuto (function assignable)

Sound Generator:

1. Piano Sound: SuperNATURAL piano sound
2. Sound Generator: Conforms to GM2/GS/Xglite
3. Max. Polyphony: 128 voices
4. Tones: Grand piano: 10 tones; Early piano: 6 tones; E.Piano: 10 tones; Strings: 14 tones; Other: 307 tones (including 8 drum sets, 1 SFX set).
5. Temperaments: 8 types, selectable temperament key
6. Stretched Tuning: on, off
7. Master tuning: 415.3 Hz to 466.2 Hz
8. Transpose: key transpose: -6 to + 5; Playback Transpose: --6 to +5
9. Effects: Ambience (off, 10 levels); Brilliance (off, -10 – 0 - +10)

Metronome:

1. Tempo: Quarter note = 10 to 500
2. Beat: 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8
3. Volume: 11 levels.

SMF Recorder

1. Tracks: 3 tracks
2. Song Save Format: Standard MIDI files
3. Songs: recorder section: 1 song; Internal memory: Max. 99 songs
4. Note Storage: Approximately 30,000 notes
5. Controls: song select; pay/stop, rec, rewinding, fast-forwarding, previous song; next song; part mute; mute volume; tempo; tempo mute; all songs play; count-in; song balance; AB repeat.

6. Tempo: quarter note = 10 to 500
7. Resolution: 120 ticks per quarter note.

Audio/Audio CDs

1. Playback: file format: Audio file (WAV 44.1 kHz/16-bit linear format: Audio CDs (CD-DA)
2. Recording: File Format: Audio File (WAV 44.1 kHz/16-bit linear format)
3. Transpose: Playback transpose -6 to +5
4. Tempo: Audio playback speed: 75—125%
5. Controls: Song select; play/stop; rec; rewinding; fast-forwarding; previous song; next song; tempo; all songs; song balance; AB repeat; center cancel.

External Memory

1. External Storage: USB flash memory
2. Playable song format: Standard MIDI files; Roland original format (i-format); audio file (WAV 44.1 kHz/16-bit linear format; Audio CDs
3. Song Save Format: Standard MIDI files; audio file.

Other

1. Internal songs: piano masterpieces: 75 songs; selections: 10 songs or greater; Hanon: 20 songs; Czerny #100: 100 songs
2. Display: Custom LCD
3. Control: Volume (slider)
4. Other functions: panel lock; MIDI visual control; V-LINK
5. Connectors: DC in jack; pedal connector; input jack: stereo miniature phone type; output jacks (L/mono, R): ¼-inch phone type; USB computer port: USB type B; USB Memory port USB Type A; MIDI connectors (in, out); phone jacks x 2: Stereo ¼ inch phone type.
6. Rated power output 12 W x 2
7. Volume Level (SPL): 110 dB
8. Speakers: 12 cm (5 inches) x 2

Accessories

1. Owner's manual; internal song list; assembling leaflet; AC adaptor; power cord (for AC adaptor); headphone hook; stabilizer; cord clamps.

Size and Weight (including piano stand, with lid closed)

1. Width: 55 1/6"
2. Depth: 13 9/16"
3. Height: 30 3/4"
4. Weight: 101 lbs. 11 oz.